

Service Component Guide

Supporting IBM Intelligent Cluster and iDataPlex

14A Release v1.0

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Introduction

This document is for use by IBM Intelligent Cluster and iDataPlex solutions service representatives and contains the core components for the current release and one release back.

NOTE: *To perform a quick search within this document hold the CTRL key while pressing the “F” key – a search window will pop-up and text or machine types can then be entered.*

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Release Components for 14A

This chapter provides a list of core components supported by IBM Intelligent Cluster Solutions for the 14A release.

Nodes

This section provides a list of the nodes supported by the IBM Intelligent Cluster Solutions. Nodes may be used as Cluster, Management and/or as Storage nodes as needed by the individual solution.

Table 1 - iDataPlex Nodes

Description	MT	XCC Model	Rack
IBM System x iDataPlex dx360 M4 ¹	7912	AC1	1410; 7825
IBM System x iDataPlex dx360 M4 WWC ¹	7918	AC1	7197
IBM System x iDataPlex dx360 M4 2U Chassis	7913	HC1	7825
IBM System x iDataPlex Direct Water Cooled dx360 M4 2U Chassis	7919	HC1	7197

Footnotes:

1. iDataPlex nodes do not mount directly into the rack. They are installed into a rack-mounted “node” chassis.

Table 2 - NeXtScale Nodes

Description	MT	XCC Model	Rack
IBM NeXtScale nx360 ¹	5455	AC1	1410-HPB/HEB
IBM NeXtScale n1200 Enclosure Chassis	5456	HC1	1410-HPB/HEB

Footnotes:

1. NeXtScale nodes do not mount directly into the rack. They are installed into a rack-mounted “node” chassis.

Table 3 - BladeCenter Nodes

Description	MT	XCC Model	Rack
IBM BladeCenter HS23 ¹	7875	AC1	1410
IBM BladeCenter H Chassis	8852	HC1	1410

Footnotes:

1. The BladeCenter nodes do not mount directly into the rack. They are installed into a rack-mounted BladeCenter chassis.

Table 4- Rack-Optimized Nodes

Description	MT	XCC Model	Rack
IBM System x3550 M4	7914	AC1	1410
IBM System x3650 M4	7915	AC1	1410
IBM System x3650 M4 HD	5460	AC1	1410
IBM System x3650 M4 BD	5466	AC1	1410
IBM System x3750 M4	8752	AC1	1410
IBM System x3850 X6	3837	AC1	1410
IBM System x3950 X6	3837	AC1	1410

Footnotes:

Table 5 - Flex Nodes

Description	MT	XCC Model	Rack
IBM Flex System x220 Compute Node ¹	7906	AC1	1410
IBM Flex System x220 Compute Node with embedded 1Gb Ethernet ¹	7906	AC1	1410
IBM Flex System x220 Compute Node ¹	7916	AC1	1410
IBM Flex System x240 Compute Node ¹	8737	AC1	1410
IBM Flex System x240 Compute Node with embedded 10Gb Virtual Fabric ¹	8737	AC1	1410
IBM Flex System x440 Compute Node ¹	7917	AC1	1410
IBM Flex System x440 Compute Node with embedded 10Gb Virtual Fabric ¹	7917	AC1	1410
IBM Flex System x880 Compute Node ¹	7903	AC1	1410
IBM Flex System x880 Compute Node with embedded 10Gb Virtual Fabric ¹	7903	AC1	1410
IBM Flex System V7000 Control Enclosure	4939	X49	1410
IBM Flex System V7000 Expansion Enclosure	4939	X29	1410
IBM Flex System Enterprise Chassis	8721	HC1	1410

Footnotes:

1. Flex compute nodes do not mount directly into the rack. They are installed into a rack-mounted "node" chassis.

Adapters

This section provides a list of the Intelligent Cluster supported adapters for server, Blade and Flex systems.

Table 6 - Network Adapters for Servers

Description	Option
Broadcom NetXtreme I Quad Port GbE Adapter for IBM System x	90Y9352

Broadcom NetXtreme I Dual Port GbE Adapter for IBM System x	90Y9370
Broadcom NetXtreme Dual Port 10GbE SFP+ Adapter for IBM System x	94Y5180
Broadcom NetXtreme 2x10 GbE SFP+ Mezz Adapter for IBM System x	44T1360
Broadcom NetXtreme 2x10GbE BaseT Adapter for IBM System x	44T1370
Broadcom NetXtreme II ML2 Dual Port 10GbE SFP+ for IBM System x	00D2028
Broadcom NetXtreme II ML2 Dual Port 10GbE SFP+ for IBM System x	00D2026
Chelsio T520-LL-CR Dual-port (SFP+) 10GbE PCI-E 3.0 Adapter	46W0609
Chelsio T540-CR Quad-port (SFP+) 10GbE PCI-E 3.0 Adapter	46W0615
Chelsio T580-LP-CR Dual-port (QSFP+) 40GbE PCI-E 3.0 Adapter	46W0620
Emulex Dual Port 10GbE SFP+ VFA IIIr for IBM System x	00D8540
Emulex Dual Port 10GbE SFP+ Embedded VFA IIIr for IBM System x	00Y7730
Emulex VFA5 ML2 Dual Port 10GbE SFP+ Adapter for IBM System x	00D1996
IBM Dual Port FDR10/QDR embedded adapter for nx360 M4	00AM476
IBM Dual Port FDR Embedded Adapter	00D4143
IBM Dual Port FDR Embedded Adapter	P00Y8667
Intel I350-T4 ML2 Quad Port GbE Adapter for IBM System x	00D1998
Mellanox Connect-IB Dual-port QSFP FDR IB PCI-E 3.0 x16 HCA	46W0571
Mellanox ConnectX-3 VPI Single-port QSFP FDR10 IB HCA	95Y3451
Mellanox ConnectX-3 VPI Dual-port QSFP FDR10 IB HCA	95Y3455
Mellanox ConnectX-3 EN Dual-port QSFP+ 40GbE Adapter	95Y3459
Mellanox ConnectX-3 Dual Port QDR/FDR10 Mezz Card	90Y6338
Mellanox ConnectX-3 VPI Single-port QSFP FDR IB HCA	00W0037
Mellanox ConnectX-3 VPI Dual-port QSFP FDR HCA	00W0041
Mellanox ConnectX-3 EN Single-port SFP+ 10GbE Adapter	00AE047
Mellanox ConnectX-3 EN Dual-port SFP+ 10GbE Adapter	00W0053
Mellanox ConnectX-3 Dual Port QDR/FDR10 Mezz Card (water cooled)	P94Y6760
QLogic QLE7340 single-port 4X QDR IB x8 PCI-E 2.0 HCA	59Y1888
Qlogic Dual Port 10GbE SFP+ Embedded VFA for IBM System x	90Y6454
Solarflare SFN5162F 2x10GbE SFP+ Performant Adapter for IBM System x	47C9952
Solarflare SFN6122F 2x10GbE SFP+ Onload Adapter for IBM System x	47C9960
Solarflare SFN7122F 2x10GbE SFP+ Flareon Ultra for IBM System x	47C9977

Table 7- Network Adapters for Blade Servers

Description	Option
10Gb Interposer Card for IBM BladeCenter HS23	94Y8550
2-port 40Gb InfiniBand Expansion Card (CFFh) for IBM BladeCenter	46M6001
Broadcom 10Gb 4-port Ethernet Exp Card (CFFh) for IBM BladeCenter	44W4465
Broadcom 2-port 10Gb Virtual Fabric Adapter for IBM BladeCenter	81Y3133
Brocade 2 port 10GbE Converged Network Adapter for IBM BladeCenter	81Y1650
Chelsio T420-BCH Dual-port 10GbE CFFh Expansion Card	46M2245
Emulex 10GbE VFA II for IBM BladeCenter HS23	81Y3120
Emulex 10GbE VFA Advanced II for IBM BladeCenter HS23	90Y9332
QLogic 10Gb Virtual Fabric Adapter for IBM BladeCenter	00Y3332
QLogic 10Gb Virtual Fabric Advanced CNA for IBM BladeCenter	00Y5618

Table 8 - Network Adapters for Flex

Description	Option
IBM Flex System CN4022 2-port 10Gb Converged Adapter	88Y5920

IBM Flex System CN4054 10Gb Virtual Fabric Adapter	90Y3554
IBM Flex System CN4054R 10Gb Virtual Fabric Adapter	00Y3306
IBM Flex System CN4058S 8-port 10Gb Virtual Fabric Adapter	94Y5160
IBM Flex System EN2024 4-port 1Gb Ethernet Adapter	49Y7900
IBM Flex System IB6132 2-port FDR InfiniBand Adapter	90Y3454
IBM Flex System IB6132D 2-port FDR InfiniBand Adapter	90Y3486
IBM Flex System EN4132 2-port 10Gb Ethernet Adapter	90Y3466
IBM Flex System EN6132 2-port 40Gb Ethernet Adapter	90Y3482
IBM Flex System EN6132H 2-Port 40Gb Ethernet Adapter	94Y5360

Table 9 - Adapters for Flex V7000

Description	Option
10Gb Converged Network Adapter 2 Port Daughter Card	90Y7683
8Gb FC 4 Port Daughter Card	90Y7684

Table 10 - Storage Adapters for Servers

Description	Option
Brocade 8Gb FC Single-port HBA for IBM System x	46M6049
Brocade 8Gb FC Dual-port HBA for IBM System x	46M6050
Brocade 16Gb FC Single-port HBA for IBM System x	81Y1668
Brocade 16Gb FC Dual-port HBA for IBM System x	81Y1675
IBM Flash Adapter F825 Enterprise Value for System x	00AE861
IBM Flash Adapter F1650 Enterprise Value for System x	00AE864
IBM Flash Adapter F3200 Enterprise Value for System x	00AE867
IBM 300GB High IOPS MLC Modular Adapter	90Y4361
IBM 300GB High IOPS SLC Modular Adapter	90Y4373
IBM 365GB High IOPS MLC Mono Adapter	46C9078
IBM 600GB High IOPS MLC Modular Adapter	90Y4365
IBM 785GB High IOPS MLC Mono Adapter	46C9081
IBM 800GB High IOPS MLC Modular Adapter	90Y4369
IBM 1.2TB High IOPS MLC Mono Adapter	90Y4377
IBM 2.4TB High IOPS MLC Duo Adapter	90Y4397
LSI SAS9201-16e Quad-port miniSAS x8 PCIe 2.0 SAS HBA	00Y3535
LSI SAS9206-16e Quad-port x4 HD-miniSAS x8 PCIe 3.0 SAS HBA	00Y3539
N2125 SAS/SATA HBA for IBM System x	46C9010
N2115 SAS/SATA HBA for IBM System x	46C8988
N2215 SAS/SATA HBA for IBM System x	47C8675
QLogic 8Gb FC Single-port HBA for IBM System x	42D0501
QLogic 8Gb FC Dual-port HBA for IBM System x	42D0510
QLogic 16Gb FC Single-port HBA for IBM System x	00Y3337
QLogic 16Gb FC Dual-port HBA for IBM System x	00Y3341
Server RAID C100 for System x	P81Y4475
Server RAID F5115-200GB SAS/SATA Controller for IBM System x	00AE882
Server RAID F5115-800GB SAS/SATA Controller for IBM System x	00AE886
Server RAID H1110 SAS/SATA Controller for IBM System x	81Y4492
Server RAID M5110 SAS/SATA Controller for IBM System x	81Y4481
Server RAID M1115 SAS/SATA Controller for IBM System x	81Y4448

ServeRAID M5120 SAS/SATA Controller for IBM System x	81Y4478
ServeRAID M5210 SAS/SATA Controller for IBM System x	46C9110

Table 11- Storage Expansion Cards for BladeCenter

Description	Option
SAS Connectivity Card (CIOv) for IBM BladeCenter	43W4068
Emulex 8Gb Fibre Channel Expansion Card (CIOv) for IBM BladeCenter	46M6140

Table 12 – GPUs for Servers

Description	Option
Intel Xeon Phi 3120A PCIe x16 for System x3850/3950 X6	00FP670
NVIDIA Quadro 2000	P00W2299
NVIDIA Quadro 5000	94Y5958
NVIDIA Quadro K2000	P46W8464
NVIDIA Quadro K6000 PCIe x16 for System x3850/3950 X6	00FP672
NVIDIA Tesla K10	00D4192
NVIDIA Tesla K20	00J6164
NVIDIA Tesla K20 (Actively Cooled)	00FP673
NVIDIA Tesla K20X	00J6165
NVIDIA Tesla K40	P00FK191
NVIDIA Tesla K40c PCIe x16 for System x3850/3950 X6	00FP676
NVIDIA Tesla M2090	94Y5960
Intel Xeon Phi 5110P	00J6163
Intel Xeon Phi 7120P	P00Y7811

Table 13 - Storage Adapters for Flex

Description	Option
IBM Flex System FC3172 2-port 8Gb FC Adapter	69Y1938
IBM Flex System FC5024D 4-port 16Gb FC Adapter	95Y2379
IBM Flex System FC5052 2-port 16Gb FC Adapter	95Y2386
IBM Flex System FC5054 4-port 16Gb FC Adapter	95Y2391
IBM Flex System F5172 2-port 16Gb FC Adapter	69Y1942
IBM Flex System FC5022 2-port 16Gb FC Adapter	88Y6370
IBM Flex System FC3052 2-port 8Gb FC Adapter	95Y2375
ServeRAID H1135 Controller for IBM Flex System and BladeCenter	90Y4750
ServeRAID M5115 SAS/SATA Controller for IBM Flex System	90Y4390
IBM 1.2TB High IOPS MLC Mono Adapter	90Y4377
IBM 2.4TB High IOPS MLC Duo Adapter	90Y4397

Table 14 - GPUs for Flex

Description	Option
Intel Xeon Phi 5110P	00J6163
NVIDIA Tesla K20	00J6164
NVIDIA Tesla K40 for IBM Flex System PCIe Expansion Node	47C2137
NVIDIA Tesla M2090	94Y5960

BladeCenter and Flex Chassis I/O modules

This section provides a list of the Intelligent Cluster supported IBM BladeCenter and Flex chassis I/O modules.

Table 15 - Network Modules for BladeCenter

Description	Option
10GB Ethernet Pass-Thru Module for IBM BladeCenter	46M6181
IBM BladeCenter Virtual Fabric 10Gb Switch Module	46C7191
IBM BladeCenter Layer 2/3 Copper Gb Ethernet Switch Module	32R1860
IBM BladeCenter 1/10Gb Uplink Ethernet Switch Module	44W4404
Brocade Converged 10GbE Switch Module for IBM BladeCenter	69Y1909
Intelligent Copper Pass-thru Module for IBM BladeCenter HT	44W4483
Cisco Catalyst Switch Module 3110X for IBM BladeCenter	00Y3250
Cisco Catalyst Switch Module 31110G for IBM BladeCenter	00Y3254
Cisco Catalyst Switch Module 3012 for IBM BladeCenter	46C9272
Cisco Nexus 4001i Switch Module for IBM BladeCenter	46C9270
Server Connectivity Module for BladeCenter	39Y9324
Voltaire 40Gb InfiniBand Switch Module for IBM BladeCenter	46M6005

Table 16 - Network Modules for Flex

Description	Option
IBM Flex System EN2092 1Gb Ethernet Scalable Switch	49Y4294
IBM Flex System Fabric CN4093 10Gb Converged Scalable Switch	00D5823
IBM Flex System Fabric EN4093R 10Gb Scalable Switch	95Y3309
IBM Flex System EN4023 10Gb Scalable Switch	94Y5212
IBM Flex System EN4091 10Gb Ethernet Pass-thru	88Y6043
IBM Flex System Fabric SI4093 System Interconnect Module	95Y3313
IBM Flex System IB6131 InfiniBand Switch	90Y3450

Table 17 - Storage Modules for BladeCenter

Description	Option
Brocade 10-port 8Gb SAN Switch Module for IBM BladeCenter	44X1921
Brocade 20-port 8Gb SAN Switch Module for IBM BladeCenter	44X1920
IBM BladeCenter SAS Connectivity Module	39Y9195
QLogic Virtual Fabric Extension Module for IBM BladeCenter	46M6172
QLogic 20-port 4/8 Gb SAN Switch Module for IBM BladeCenter	88Y6406
QLogic 4/8 Gb Intelligent Pass-thru Module for IBM BladeCenter	88Y6410

Table 18 - Storage Modules for Flex

Description	Option
IBM Flex System FC5022 24-port 16Gb SAN Scalable Switch	00Y3324
IBM Flex System FC3171 8Gb SAN Switch	69Y1930
IBM Flex System FC3171 8Gb SAN Pass-thru	69Y1934
IBM Flex System FC5022 16Gb SAN Scalable Switch	88Y6374
IBM Flex System FC5022 16Gb ESB SAN Scalable Switch	88Y6378
IBM Flex System FC5022 24-port 16Gb ESB SAN Scalable Switch	90Y9356

Network Switches, switch options and other devices

This section provides a list of the Intelligent Cluster supported Network Switches.

Table 19 - Edge-Core/LG-Ericsson Switches

Description	MTM (HVEC/XCC)	Option / SEO	Model Usage	Rack
Edge-Core ECS4110-52T 1GbE Switch (SE)	4668-025/HCD			1410; iDPx
Edge-Core ECS4510-52T 1GbE Switch (SE)	4668-026/HCE			1410; iDPx
Edge-Core ECS5610-52S 10GbE Switch (PSE)	4668-027/HCF			1410
Edge-Core ECS5610-52S 10GbE Switch (oPSE)	4668-028/HCG			iDPx
LG-E ES-4052G 1GbE Switch (PSE)	4668-023/HCA			1410
LG-E ES-4052G 1GbE Switch (oPSE)	4668-024/HCC			iDPx; 1410 with NeXtScale
Edge-Core ECS4510 Dual-port 10GbE Uplink Module		46W0656	HCE	-
LG-E 215w ES-4K Intake Power Supply		46C9538		-
LG-E 215w ES-4K Exhaust Power Supply		90Y7738		-
Edge-Core ECS5610 400w Power Supply (PSE)		46W0648		-
Edge-Core ECS5610 400w Power Supply (oPSE)		46W0650		-

Table 20 - IBM System Networking Switches

Description	MTM (HVEC/XCC)	Option / SEO	Rack
IBM System Networking RackSwitch G8000 (Rear to Front)	0446-013/HC3		1410
IBM System Networking RackSwitch G8000 (Front to Rear)	7309-CFC/HCC		iDPx; 1410 with NeXtScale
IBM System Networking RackSwitch G8052 (Rear to Front)	7309-G52/HC1		1410
IBM System Networking RackSwitch G8052 (Front to Rear)	7309-52F/HC2		iDPx; 1410 with NeXtScale
IBM System Networking RackSwitch G8124E (Rear to Front)	7309-BR6/HC6		1410
IBM System Networking RackSwitch G8124E (Front to Rear)	7309-BF7/HC7		iDPx; 1410 with NeXtScale
IBM System Networking RackSwitch G8264 (Rear to Front)	7309-G64/HC3		1410
IBM System Networking RackSwitch G8264 (Front to Rear)	7309-64F/HC4		iDPx; 1410 with NeXtScale
IBM System Networking RackSwitch G8264T (Rear to Front)	7309-CR9/HCD		1410
IBM System Networking RackSwitch G8264T (Front to Rear)	7309-CF9/HCE		iDPx; 1410 with NeXtScale
IBM System Networking RackSwitch G8264CS (Rear to Front)	7309-DRX/HCK		1410
IBM System Networking RackSwitch G8264CS (Front to Rear)	7309-DFX/HCM		iDPx; 1410 with NeXtScale
IBM System Networking RackSwitch G8316 (Rear to Front)	8036-ARX/HC2		1410
IBM System Networking RackSwitch G8316 (Front to Rear)	8036-AFX/HC1		iDPx
IBM System Networking RackSwitch G8332 (Rear to Front)	8036-BRX/HC3		1410
IBM System Networking RackSwitch G8332 (Front to Rear)	8036-BFX/HC4		iDPx

IBM System Networking RackSwitch G7028	7309-BAX/HCP		1410

Table 21 - Intel Switches

Description	MTM (HVEC/XCC)	Option / SEO	Rack
Intel 12200 QDR InfiniBand Switch (PSE)	0449-019/HCC		1410
Intel 12200 QDR IB Redundant Power Switch (PSE)	0449-028/HCM		1410
Intel 12200 QDR InfiniBand Switch (oPSE)	0449-020/HCD		iDPx; 1410 with NeXtScale
Intel 12200 QDR IB Redundant Power Switch (oPSE)	0449-029/HCN		iDPx; 1410 with NeXtScale
Intel 12800-180 QDR InfiniBand Switch	0449-022/HCF		1410
Intel 12800-360 QDR InfiniBand Switch	0449-023/HCG		1410
Intel 12200 Management Module		68Y6995	-
Intel 12800 Management Module		49Y8543	-
Intel 12800 QDR Single Spine Module		49Y8535	-
Intel 12800 QDR Double Spine Module		49Y8539	-
Intel 12800 24-port 4X QDR Ultra-HD InfiniBand Leaf Module	0449-026/HCK		-
Intel 12800 18-port 4X QDR Ultra-HP InfiniBand Leaf Module	0449-027/HCL		-

Table 22 - LSI Switches

Description	MTM (HVEC/XCC)	Option / SEO	Model Usage	Rack
LSI SAS6160 SAS Switch (PSE)	0778-011/HC1			1410
LSI SAS6160 1U Mounting Tray Kit		00W0458	HC1	1410

Table 23 - Mellanox Switches

Description	MTM (HVEC/XCC)	Option / SEO	Model Usage	Rack
Mellanox SX1036 40GbE Switch (PSE)	0724-026/HCK			1410
Mellanox SX1036 40GbE Switch (oPSE)	0724-027/HCL			iDPx
Mellanox SX6036 FDR10 InfiniBand Switch (PSE)	0724-016/HC9			1410
Mellanox SX6036 FDR10 InfiniBand Switch (oPSE)	0724-017/HCA			1410 with NeXScale
Mellanox SX6036 FDR14 InfiniBand Switch (PSE)	0724-022/HCF			1410
Mellanox SX6036 FDR14 InfiniBand Switch (oPSE)	0724-023/HCG			iDPx; 1410 with NeXtScale
Mellanox SX6036G FDR14 IB/40GbE Gateway (PSE)	0724-031/HCQ			1410
Mellanox SX6036G FDR14 IB/40GbE Gateway (oPSE)	0724-032/HCR			1410 with NeXtScale

Mellanox SX6512 FDR14 InfiniBand Switch	0724-024/HCH			1410
Mellanox SX6518 FDR14 InfiniBand Switch	0724-030/HCP			1410
Mellanox SX6536 FDR14 InfiniBand Switch	0724-025/HCJ			1410
Mellanox SX65xx 18-port QSFP FDR14 InfiniBand Leaf Module	0724-028/HCM		HCH, HCP, HCJ	1410
Mellanox SX65xx FDR14 Spine Module	0724-029/HCN		HCH, HCP, HCJ	1410
Mellanox SX65xx PPC460-based Management Module		90Y3804	HCH, HCP, HCJ	-
Mellanox MSX60xx/MSX10xx 300w Power Supply with Intake Fan		90Y3800	HCK, HC9, HCF, HCQ	-
Mellanox MSX60xx/MSX10xx 300w Power Supply with Exhaust Fan		90Y3802	HCL, HCA, HCG, HCR	-
Mellanox 1U Switch Enterprise Rack Air Duct Kit		00AE039	HC9, HCF, HCQ	-
Mellanox SX60xx/10xx 75mm Recessed Enterprise Rack Mount Kit		00AE043	HCA, HCG, HCR	-

Table 24 - Tyco Patch Panel

Description	MTM (HVEC/XCC)	Option / SEO	Model Usage	Rack
Tyco 48-port 1Gb Ethernet Angled Patch Panel	0564-010/HC3			1410

External storage

This section provides a list of the Intelligent Cluster supported external storage devices and storage systems.

Table 25 - IBM System Storage - Storage Servers

Description	MTM (HVEC/XCC)	Option / SEO	Rack
IBM System Storage DS3512 Express Single Controller Storage System	1746-A2S/C2A		1410
IBM System Storage DS3512 Express Dual Controller Storage System	1746-A2D/C2A		1410
IBM System Storage DS3524 Express Single Controller Storage System	1746-A4S/C4A		1410
IBM System Storage DS3524 Express Dual Controller Storage System	1746-A4D/C4A		1410
IBM Storwize V3700 LFF Dual Control Enclosure	2072-L2C/12C		1410
IBM Storwize V3700 SFF Dual Control Enclosure	2072-S4C/24C		1410

Table 26 - IBM System Storage - Storage Expansion Units

Description	MTM (HVEC/XCC)	Option / SEO	Rack
IBM System Storage EXP2512 Express Storage Enclosure	1747-12X/HC1		1410
IBM System Storage EXP2524 Express Storage Enclosure	1747-24X/HC2		1410
IBM System Storage EXP3512 Express Storage Expansion Unit	1746-A2E/E2A		1410
IBM System Storage EXP3524 Express Storage Expansion Unit	1746-A4E/E4A		1410

IBM Storwize V3700 LFF Expansion Enclosure	2072-L2E/12E		1410
IBM Storwize V3700 SFF Expansion Enclosure	2072-S4E/24E		1410

Table 27 - DDN Storage - Controllers and Expansion Units

DDN Storage	MTM (HVEC/XCC)	Option / SEO	Rack
DDN SFA7700 Hybrid Flash Storage Appliance (FDR)	0750-028/HCK		0750
DDN SFA12K-40 InfiniBand Based Singlet Bundle	0750-014/HC4		0750
DDN StorageScaler 7000 Disk Enclosure	0750-015/HC5		0750
DDN StorageScaler 8460 Disk Enclosure	0750-026/HCH		0750
300GB DDN 15K RPM SAS 6GB/s Drive Module for SS7K		00AE097	0750
600GB DDN 15K RPM SAS 6GB/s Drive Module for SS7K		00AE105	0750
2TB DDN 7.2K 6Gb/s SAS Drive Module for SS7K		46W0561	0750
3TB DDN 7.2K 6Gb/s SAS Drive Module for SS7K		46W0557	0750
4TB DDN 7.2K 6Gb/s SAS Drive Module for SS7K		46W0553	0750
200GB DDN Write Intensive 6Gb/s SSD Drive Module for SS7K		00AE113	0750
400GB DDN 6Gb/s SLC SSD Drive Module for SS7K		00AE025	0750
800GB DDN Mixed Use 6Gb/s SSD Drive Module for SS7K		00AE129	0750
900GB DDN 10K 6Gb/s SAS Drive Module for SS8K		46W0541	0750
2TB DDN 7.2K 6Gb/s SAS Drive Module for SS8K		46W0533	0750
3TB DDN 7.2K 6Gb/s SAS Drive Module for SS8K		46W0529	0750
4TB DDN 7.2K 6Gb/s SAS Drive Module for SS8K		46W0525	0750
200GB DDN Write Intensive 6Gb/s SSD Drive Module for SS8K		00AE117	0750
400GB DDN 6Gb/s SLC SSD Drive Module for SS8K		46W0545	0750
400GB DDN Write Intensive 6Gb/s SSD Drive Module for SS8K		00AE125	0750
800GB DDN Mixed Use 6Gb/s SSD Drive Module for SS8K		00AE133	0750

Table 28 - IBM System x GSS JBODS

GSS JBODs	MTM (HVEC/XCC)	Option / SEO	Rack
IBM System x GPFS Storage Server JBOD (58x2TB)	0796-011/HC1		1410
IBM System x GPFS Storage Server JBOD (58x2TB+2x200GB SSD)	0796-012/HC2		1410
IBM System x GPFS Storage Server JBOD (58x3TB)	0796-013/HC3		1410
IBM System x GPFS Storage Server JBOD (58x3TB+2x200GB SSD)	0796-014/HC4		1410
IBM System x GPFS Storage Server JBOD (58x4TB)	0796-015/HC5		1410
IBM System x GPFS Storage Server JBOD (58x4TB+2x200GB SSD)	0796-016/HC6		1410
IBM System x GSS 24-slot JBOD (24x200GB SSD)	0796-017/HC7		1410
IBM System x GSS 24-slot JBOD (24x800GB SSD)	0796-018/HC8		1410
IBM System x GSS 24-slot JBOD (24x1.2TB SAS HDD)	0796-019/HC9		1410
IBM System x GSS 24-slot JBOD (22x1.2TB SAS HDD+2x200GB SSD)	0796-020/HCA		1410

Table 29 - IBM System Networking - SAN Switches

Description	MTM	Option / SEO	Rack
IBM System Networking SAN24B-5	2498-24G/X24		1410

Cable Connectivity

This section provides a list of Intelligent Cluster supported cables, transceivers, etc.

Table - CAT5E Ethernet Cables

CAT5E Ethernet Cables	Option
0.6m Blue CAT5E Cable	40K5679
0.6m Green CAT5E Cable	40K5563
0.6m Yellow CAT5E Cable	40K8933
1.5m Blue CAT5E Cable	40K8785
1.5m Green CAT5E Cable	40K5643
1.5m Yellow CAT5E Cable	40K8951
3m Blue CAT5E Cable	40K5581
3m Green CAT5E Cable	40K5793
3m Yellow CAT5E Cable	40K8957
10m Blue CAT5E Cable	40K8927
10m Green CAT5E Cable	40K5794
10m Yellow CAT5E Cable	40K8801
25m Blue CAT5E Cable	40K8930
25m Green CAT5E Cable	40K8869
25m Yellow CAT5E Cable	40K8807

Table - CAT6 Ethernet Cables

CAT6E Ethernet Cables	Option
10m CAT6 Yellow Cable	90Y3715
10m CAT6 Green Cable	90Y3718
10m CAT6 Blue Cable	90Y3721
25m CAT6 Yellow Cable	90Y3724
25m CAT6 Green Cable	90Y3727
25m CAT6 Blue Cable	90Y3730

Table - IBM QSFP Copper QDR IB Cables

IBM QSFP Copper QDR IB Cables	Option
0.5m IBM QSFP Copper QDR InfiniBand Cable	81Y8090
1m IBM QSFP Copper QDR InfiniBand Cable	81Y8092
3m IBM QSFP Copper QDR InfiniBand Cable	81Y8094

Table - IBM QDR IB Optical Cables

Optical Cables	Option
3m IBM Optical QDR InfiniBand QSFP Cable	49Y0488
10m IBM Optical QDR InfiniBand QSFP Cable	49Y0491
30m IBM Optical QDR InfiniBand QSFP Cable	49Y0494

Table - Intel QDR IB Copper Cables

Description	Option
0.5m Intel QDR InfiniBand Copper QSFP Cable	59Y1892
1m Intel QDR InfiniBand Copper QSFP Cable	59Y1896
3m Intel QDR InfiniBand Copper QSFP Cable	59Y1900

Table - Intel QDR IB Optical Cables

Description	Option
3m Intel QDR InfiniBand Optical QSFP Cable	59Y1920
10m Intel QDR InfiniBand Optical QSFP Cable	59Y1924
30m Intel QDR InfiniBand Optical QSFP Cable	59Y1928

Table - Mellanox FDR10 and FDR14 Copper InfiniBand Cables

Description	Option
1m Mellanox QSFP Passive Copper FDR10 InfiniBand Cable	90Y3810
2m Mellanox QSFP Passive Copper FDR10 InfiniBand Cable	46W0591
3m Mellanox QSFP Passive Copper FDR10 InfiniBand Cable	90Y3814
5m Mellanox QSFP Passive Copper FDR10 InfiniBand Cable	90Y3818
0.5m Mellanox QSFP Passive Copper FDR14 InfiniBand Cable	00W0061
0.75m Mellanox QSFP Passive Copper FDR14 InfiniBand Cable	00AE031
1m Mellanox QSFP Passive Copper FDR14 InfiniBand Cable	00W0049
1.25m Mellanox QSFP Passive Copper FDR14 InfiniBand Cable	00AE035
1.5m Mellanox QSFP Passive Copper FDR14 InfiniBand Cable	00AE051
2m Mellanox QSFP Passive Copper FDR14 InfiniBand Cable	46W0583
3m Mellanox QSFP Passive Copper FDR14 InfiniBand Cable	00W0057

Table - Mellanox FDR10 and FDR14 Optical InfiniBand Cables

Description	Option
3m Mellanox QSFP Optical FDR10 InfiniBand Cable	95Y3463
5m Mellanox QSFP Optical FDR10 InfiniBand Cable	95Y3467
10m Mellanox QSFP Optical FDR10 InfiniBand Cable	90Y3822
15m Mellanox QSFP Optical FDR10 InfiniBand Cable	90Y3826
20m Mellanox QSFP Optical FDR10 InfiniBand Cable	90Y3830
30m Mellanox QSFP Optical FDR10 InfiniBand Cable	90Y3838
3m Mellanox QSFP Optical FDR14 InfiniBand Cable	00W0069
5m Mellanox QSFP Optical FDR14 InfiniBand Cable	00W0073
10m Mellanox QSFP Optical FDR14 InfiniBand Cable	00W0077
15m Mellanox QSFP Optical FDR14 InfiniBand Cable	00W0081
20m Mellanox QSFP Optical FDR14 InfiniBand Cable	00W0085
30m Mellanox QSFP Optical FDR14 InfiniBand Cable	00W0089
50m Mellanox QSFP Optical FDR14 InfiniBand Cable	00W0045

Table - IBM Direct Attach Copper (DAC) Cables – Passive and Active

Description	Option
0.5m IBM Passive DAC SFP+ Cable	00D6288
1.5m IBM Passive DAC SFP+ Cable	00AY764
2m IBM Passive DAC SFP+ Cable	00AY765
5m IBM Passive DAC SFP+ Cable	90Y9433
7m IBM Passive DAC SFP+ Cable	00D6151

1m IBM Active DAC SFP+ Cable	95Y0323
3m IBM Active DAC SFP+ Cable	95Y0326
5m IBM Active DAC SFP+ Cable	95Y0329
1m IBM QSFP+ DAC Break Out Cable	49Y7886
3m IBM QSFP+ DAC Break Out Cable	49Y7887
5m IBM QSFP+ DAC Break Out Cable	49Y7888

Table - Molex Direct Attach Copper (DAC) Cables - Passive

Description	Option
0.5m Molex Direct Attach Copper SFP+ Cable	59Y1932
1m Molex Direct Attach Copper SFP+ Cable	59Y1936
3m Molex Direct Attach Copper SFP+ Cable	59Y1940
7m Molex Direct Attach Copper SFP+ Cable	59Y1944

Table - Other Networking Cables

Description	Option
0.2m LC(female) - SC(male) Fiber Cable	44R8701
10m IBM MTP Optical Cable	90Y3519
30m IBM MTP Optical Cable	90Y3521
3m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9046
10m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9051
30m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9066

Table - DDN SAS Cables

SAS Cables	Option
3m DDN miniSAS to miniSAS Cable	00D5211
6m DDN miniSAS to miniSAS Cable	00W0540
3m DDN HD-miniSAS to miniSAS Cable	46C9604
6m DDN HD-miniSAS to miniSAS Cable	00Y7045
3m DDN 6Gb/s HD-miniSAS to HD-miniSAS Cable	46W0509
6m DDN 6Gb/s HD-miniSAS to HD-miniSAS Cable	46W0513

Table - IBM SAS Cables

SAS Cables	Option
1m IBM miniSAS to miniSAS SAS Cable	00D5230
3m IBM miniSAS to miniSAS SAS Cable	00D5234
6m IBM miniSAS to miniSAS SAS Cable	00D5239
0.6m IBM HD-miniSAS to miniSAS SAS Cable	00D5222
1.5m IBM HD-miniSAS to miniSAS SAS Cable	00D5224
3m IBM HD-miniSAS to miniSAS SAS Cable	00D5226
6m IBM HD-miniSAS to miniSAS SAS Cable	00D5228

Table - Transceivers/Other

Transceivers/Other	Option
IBM SFP 1000Base-T (RJ-45) Transceiver	00FE333
IBM SFP SX Transceiver	81Y1622
IBM 10GbE SW SFP+ Transceiver	49Y8578
Mellanox QSA Adapter (QSFP to SFP+)	90Y3842
IBM QSFP+ 40GBASE-SR4 Transceiver	49Y7884

Rack options

This section provides the Intelligent Cluster supported rack cabinets and rack accessory devices.

Table - Rack Cabinets

Rack Cabinets	MTM (HVEC/XCC)
e1350 42U Rack Cabinet	1410-4RX/RC4
e1350 25U Rack Cabinet	1410-2RX/RC2
Intelligent Cluster 42U 1200mm Deep Primary Rack ¹	1410-PRA/HPA
Intelligent Cluster 42U 1200mm Deep Expansion Rack ²	1410-ERA/HEA
IBM 42U 1100 mm Deep Dynamic Rack ³	1410-PRB/HPB
IBM 42U 1100 mm Deep Dynamic Expansion Rack ⁴	1410-ERB/HEB
DDN 42U Rack for U.S.	0750-023
IBM iDataPlex 100U Rack Cabinet	7825/1RX/RC1
IBM iDataPlex 100U Water Cooled Rack Cabinet	7197- -/RC1
DDN 42U Rack for Europe	0750-024/HCE
DDN 42U Rack for Australia	0750-025/HCF
DDN 45U Rack for U.S.	0750-020/HCA
DDN 45U Rack for Europe	0750-021/HCB
DDN 45U Rack for Australia	0750-022/HCC

Footnotes:

1. This rack (1410-PRA) is the same rack as 9360-4PX and uses the 9360-4PX FRUs
2. This rack (1410-ERA) is the same rack as 9360-4EX and uses the 9360-4EX FRUs
3. This rack (1410-PRB) is the same rack as 9363-4PX and uses the 9363-4PX FRUs
4. This rack (1410-ERB) is the same rack as 9363-4EX and uses the 9363-4EX FRUs

Table - Rack Cabinets Options

Rack Options	MTM
Rear Door Heat eXchanger for 9963 Rack	175642X

Table - KVM Switches

KVM Switches	MTM (XCC)
IBM Local 1X8 Console Manager (LCM8)	1754-HC3
IBM Local 2X16 Console Manager (LCM16)	1754-HC4
IBM Global 2X2X16 Console Manager (GCM16)	1754-HC1
IBM Global 4X2X32 Console Manager (GCM32)	1754-HC2

Table - Enterprise PDUs for the 1410 Rack

Enterprise PDUs for the 1410 Rack	Option
DPI Three-phase 60A/208V C19 Enterprise PDU (US)	39Y8923
DPI Single-phase 30A/208V C13 Enterprise PDU (US)	39Y8941
DPI Single-phase 30A/250V C13 Enterprise PDU (S Korea)	39Y8941
DPI Single-phase 32A/230V C13 Enterprise PDU (Aus/NZ)	39Y8941
DPI Single-phase 32A/230V C13 Enterprise PDU (International)	39Y8941
DPI Single-phase 60A/208V C13 Enterprise PDU (US)	39Y8941
DPI Single-phase 63A/230V C13 Enterprise PDU (International)	39Y8941
DPI Three-phase 32A/380-415V C13 Enterprise PDU (International)	39Y8941
DPI Single-phase 63A/230V C13 Enterprise PDU (International)	39Y8941
Enterprise C13 PDU Module (WW)	39Y8941
DPI Single-phase 32A/230V C19 Enterprise PDU (Aus/NZ)	39Y8948
DPI Single-phase 30A/208V C19 Enterprise PDU (US)	39Y8948
DPI Single-phase 30A/250V C19 Enterprise PDU (S Korea)	39Y8948
DPI Single-phase 32A/230V C19 Enterprise PDU (International)	39Y8948
DPI Single-phase 63A/230V C19 Enterprise PDU (International)	39Y8948
DPI Three-phase 32A/380-415V C19 Enterprise PDU (International)	39Y8948
DPI C19 Enterprise PDU (WW)	39Y8948
Rack PDUs	MTM
Ultra Density Enterprise C19/C13 PDU 60A/208V/3ph (US)	71763NU
Ultra Density Enterprise C19/C13 PDU+ 60A/208V/3ph (US)	71763MU
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 32A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 63A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 32A/380-415V, EPDU/IEC 309 3P+N+G 3ph wye (non-US) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 32A/230V, EPDU to AS/NZS 3112 (Aus/NZ) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 30A/250V, EPDU to KSC 8305 (S. Korea) Line Cord	71762NX

Table - Rack PDUs for the 1410 Rack

Rack Cabinet PDUs	MTM/Option/ FC
DPI Universal Rack PDU w/Nema L5-20P & L6-20P U.S. Line Cord	39Y8951
DPI Universal Rack PDU with GB 2099.1 (China line cord)	39Y8959
DPI Universal Rack PDU with SI32 (Israel line cord)	39Y8954
DPI Universal Rack PDU with 3112 (Australia/New Zealand line cord)	39Y8958
DPI Universal Rack PDU with IRAM 2073 (Argentina line cord)	39Y8962
DPI Universal Rack PDU with CEI 23-16 (Italy line cord)	39Y8955
DPI Universal Rack PDU with SABS 164 (South Africa line cord)	39Y8956
DPI Universal Rack PDU with BS 1363/A (UK line cord)	39Y8957
DPI Universal Rack PDU with IS 6538 (India line cord)	39Y8961
DPI Universal Rack PDU w/Nema L5-20P & L6-20P U.S. Line Cord	39Y8952
DPI Universal Rack PDU (Europe)	39Y8952
DPI Universal Rack PDU with IEC 309 2-pin and ground (Denmark line cord)	39Y8953
DPI Universal Rack PDU with C19/C20	41Y9221
DPI Universal Rack PDU (Japan HV)	5964
DPI Universal Rack PDU (S Korea)	5965
DPI Universal Rack PDU (Taiwan HV)	5967
DPI 100-127V NEMA PDU	39Y8905

Table - Rack 7825 Cabinet PDUs

Rack 7825 Cabinet PDUs	Option
iDPx Single-phase 30A/208V Enterprise C13 PDU (US)	43V6061
iDPx Single-phase 30A/208V Enterprise C13 PDU+ (US)	43V6065
iDPx Three-phase 60A/208V Enterprise C13 PDU+ (US)	39M2817
iDPx Three-phase 32A/380-415V Enterprise C13 PDU (Int'l)	43V6062
iDPx Three-phase 32A/380-415V Enterprise C13 PDU+ (Int'l)	43V6066
iDPx Single-phase 32A/230V Enterprise C13 PDU (Aus/NZ)	43V6063
iDPx Single-phase 32A/230V Enterprise C13 PDU+ (Aus/NZ)	43V6067
iDPx Single-phase 30A/250V Enterprise C13 PDU (S Korea)	43V6064
iDPx Single-phase 30A/250V Enterprise C13 PDU+ (S Korea)	43V6068

Appendix – Field Replaceable Units (FRUs)

This appendix contains a list of the Intelligent Cluster released components, their FRU part number, supported releases and their FRU category level.

For Chassis FRU Replacement Instructions or other documentation, please visit the IBM Support website for Intelligent Cluster Documentation.

<http://www-947.ibm.com/support/entry/portal/documentation>

Legend Table

Category Level	Symbol	Description
Tier 1 CRU	T1	Mandatory CRU
Tier 2 CRU	T2	Optional CRU
FRU 1	FRU	Requires 2 people and 2 lift tools
FRU 2	FRU 2	Requires 2 people and 1 lift tool
FRU 3	FRU 3	Requires 1 CE ladders, 1 lift tool, 2 people

Table - Avocent Service Processor Management Devices

Avocent	FRU	Option	Release	HVEC	XCC	Category Level
Avocent RJ45(m)-To-RJ45(f) Custom Serial Adapter	46M2169	-	Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	-	-	

Table - BLADE Ethernet Switches

BLADE Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
BNT RackSwitch G8000F 48-port GbE Switch Bundle	-	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- BNT Rack Mount Kit for iDataPlex	46C3427	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014 /016 /018	0446-HC4 / HC6 / HC8	
- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, 8C,	0446-013/014/ 017/018	0446-HC3/H C4 /HC7 /HC8	

BLADE Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- BNT RackSwitch G8000F Chassis	46C3407	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014	0446-HC4	
BNT RackSwitch G8000R 48-port GbE Switch Bundle			Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
- BNT Horizontal Rack Mount Kit for 1410	46C3425	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-013/015/017	0446-HC3/H C5 /HC7	
- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-013/014/017/018	0446-HC3/H C4 /HC7 /HC8	
- BNT RackSwitch G8000R Chassis	46C3403	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-013	0446-HC3	
BNT RackSwitch G8100F 24-port 10GbE Switch Bundle			iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- BNT Rack Mount Kit for iDataPlex	46C3427	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014 /016 /018	0446-HC4 / HC6 / HC8	
- BNT RackSwitch G8100F Chassis	46C3415	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7,	0446-016	0446-HC6	

BLADE Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
BNT RackSwitch G8100R 24-port 10GbE Switch Bundle			Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B			
- BNT Horizontal Rack Mount Kit for 1410	46C3425		Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-013/015/017	0446-HC3/H C5 /HC7	
- BNT RackSwitch G8100R Chassis	46C3411	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-015	0446-HC5	
BLADE G8124F (iDPx) 24-port 10GbE Switch Bundle			9A, 9AW, 9B			
- BNT Rack Mount Kit for iDataPlex	46C3427	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014 /016 /018	0446-HC4 / HC6 / HC8	
- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-013/014/017/018	0446-HC3/H C4 /HC7 /HC8	
BLADE G8124R 24-port 10GbE Switch Bundle			9A, 9AW, 9B			
- BNT Horizontal Rack Mount Kit for 1410	46C3425	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-013/015/017	0446-HC3/H C5 /HC7	

BLADE Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-013/014/017/018	0446-HC3/H C4 /HC7 /HC8	
- BLADE G8124R 24-port 10GbE Chassis	46M2193	-	9A, 9AW, 9B	0446-017	0446-HC7	
BNT RackSwitch G8000 Dual-port SFP+ XGE Uplink Module	46C3419	46C3417	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0446-013/014	0446-HC3/H C4	
BNT RackSwitch G8000 Dual-port CX4 XGE Uplink Module	46C3423	46C3421	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, iDPX.8Ci, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0446-013/014	0446-HC3/H C4	
BNT SFP+ Transceiver	46C3449	46C3447	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0446-013/014/015/016/017/018	0446-HC3/H C4/HC 5/HC6 /HC7/ HC8	
BLADE 1000BASE-T (RJ45) SFP Transceiver	81Y1620	81Y1618	10A, 10B, 11A, 11B	0446-013/017/018	0446-HC3/H C7/HC 8	
BLADE 1000BASE-SX SFP Transceiver	81Y1624	81Y1622	10A, 10B, 11A, 11B	0446-013/017/	0446-HC3/H	

BLADE Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
				018	C7/HC8	

Table - Brocade Ethernet Switches

Brocade Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
IBM Ethernet Switch B24X Bundle	-	-	9B	-	-	
- Turbolron 24X-AC Chassis	69Y0303	-	9B	0563-012	0563-HC5	
- TI-24X Triple Fan Assembly	69Y0305	-	9B	0563-012	0563-HC5	
- B24X 300w Power Supply	69Y0307	69Y0373	9B	0563-012	0563-HC5	
IBM Ethernet Switch B50C Bundle	-	-	9B, 10A, 10B	-	-	
- NetIron CES 2048CX-AC Chassis	69Y0290	-	9B, 10A, 10B	0563-010	0563-HC3	
- B50C 500w Power Supply	69Y0292	69Y0365	9B, 10A, 10B	0563-010	0563-HC3	
- iDPx Rack Mount Rear Support	69Y0407	-	9B, 10A, 10B	0563-010	0563-HC3	
- NI-CES2000 Fan Module	46M2233	-	9B, 10A, 10B	0563-010	0563-HC3	
IBM Ethernet Switch B08R Bundle	-	-	9B, 10A, 10B	-	-	
- BigIron RX-8-AC Switch Chassis	69Y0312	-	9B, 10A, 10B	0563-013	0563-HC6	
- Fan Assembly (8-slot Chassis)	69Y0314	-	9B, 10A, 10B	0563-013	0563-HC6	
- 1200w Power Supply (8/16-slot Chassis)	69Y0320	69Y0447	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Management Module Blank Panel	69Y0322	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Power Supply Blank Panel (8/16-slot Chassis)	69Y0328	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- 1410 Rack Mount Shelf/Duct Kit (8-slot Chassis)	69Y0330	-	9B, 10A, 10B	0563-013	0563-HC6	
- 512MB Mgmt Module (4/8/16-slot Chassis)	69Y0316	69Y0425	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	

Brocade Switches	Ethernet	FRU	Option	Release	HVEC	XCC	Category Level
- Switch Fabric Module (8/16-slot Chassis)		69Y0318	69Y0429	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Switch Fabric Module (8/16-slot Chassis) Blank Panel		69Y0324	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Line Board Blank Panel		69Y0326	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
IBM Ethernet Switch B16R Bundle		-	-	9B	-	-	
- 1200w Power Supply (8/16-slot Chassis)		69Y0320	69Y0447	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Management Module Blank Panel		69Y0322		9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Power Supply Blank Panel (8/16-slot Chassis)		69Y0328	-	9B, 10A, 10B	-	-	
- Exhaust Fan Assembly (16-slot Chassis)		69Y0340	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- 1410 Rack Mount kit (16-slot Chassis)		69Y0342	-	9B, 10A, 10B	0563-014	0563-HC7	
- 512MB Mgmt Module (4/8/16-slot Chassis)		69Y0316	69Y0425	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Switch Fabric Module (8/16-slot Chassis)		69Y0318	69Y0429	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Switch Fabric Module (8/16-slot Chassis) Blank Panel		69Y0324	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Line Board Blank Panel		69Y0326	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- BigIron RX-16-AC Switch Chassis		69Y0336	-	9B, 10A, 10B	0563-014	0563-HC7	
- Intake Fan Assembly (16-slot Chassis)		69Y0338	-	9B, 10A, 10B	0563-014	0563-HC7	
- Cable Management Comb		69Y0367	-	9B, 10A, 10B	0563-014	0563-HC7	
B50C 500w Power Supply		69Y0292	69Y0365	9B, 10A, 10B	0563-010	0563-HC3	
B24X 300w Power Supply		69Y0307	69Y0373	9B	0563-012	0563-HC5	
24-port 1GbE (RJ45)		69Y0433	69Y0431	9B, 10A, 10B	0563-	0563-	

Brocade Switches	Ethernet	FRU	Option	Release	HVEC	XCC	Category Level
Module					013/014	HC6/H C7	
48-port 1GbE (MRJ21) Module		69Y0437	-	9B, 10A, 10B	0563-017	0563-HCA	
4-port 10GbE (XFP) Module		69Y0441	-	9B, 10A, 10B	0563-018	0563-HCB	
SFP+ Transceiver 10GbE SR 300m MMF		69Y0391	69Y0389	9B, 10A, 10B	0563-012/013/014/022/023	0563-HC5/H C6/HC 7/HCF /HCG	
512MB Mgmt Module (4/8/16-slot Chassis)		69Y0316	69Y0425	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
Switch Fabric Module (8/16-slot Chassis)		69Y0318	69Y0429	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
1200w Power Supply (8/16-slot Chassis)		69Y0320	69Y0447	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
16-port 10GbE (SFP+) Module		69Y0445	-	9B, 10A, 10B	0563-019	0563-HCC	
XFP Transceiver 850nm MMF (300m)		69Y0379	69Y0377	9B, 10A, 10B	0563-010/013/014	0563-HC3/H C6/HC 7	
XFP-to-CX4 Transceiver (15m)		69Y0383	69Y0381	9B, 10A, 10B	0563-010/013/014	0563-HC3/H C6/HC 7	
Brocade VA-40FC for 1410 San Switch Bundle	-		-	10A, 10B, 11A	-	-	
- Brocade VA-40FC for 1410 Chassis		81Y1437	-	10A, 10B, 11A	0563-024	0563-HCH	
- Brocade 1410 Rack Mount Kit, Fixed		81Y1409	-	10A, 10B, 11A	0563-024	0563-HCH	
- Brocade VA-40FC 150w PSU/Fan (Intake) Module		81Y1439	-	10A, 10B, 11A	0563-024	0563-HCH	
- Brocade 8Gb SW SFP Transceiver		81Y1441	-	10A, 10B, 11A	0563-024/025	0563-HCH/ HCJ	
Brocade VA-40FC for iDPx San Switch Bundle				10A, 10B, 11A			
- Brocade iDPx Rack Mount Kit (24")		81Y1422	-	10A, 10B, 11A	0563-025	0563-HCJ	
- Brocade VA-40FC for iDPx Chassis		81Y1447	-	10A, 10B, 11A	0563-025	0563-HCJ	
- Brocade VA-40FC 150w PSU/Fan (Exhaust)		81Y1449	-	10A, 10B, 11A	0563-025	0563-HCJ	

Brocade Switches	Ethernet	FRU	Option	Release	HVEC	XCC	Category Level
Module							
Brocade VDX 6710-54 Switch (PSE)	00W0468	0563028	12B	0563-028	0563-HCN		
-Brocade 250w Intake Power Supply with Fans	95Y0569	-	12B	0563-028/030	0563-HCN/HCQ		
- Console cable (RJ45(M) to to DB9(F))	95Y0579	-	12B	0563-028/029/030/031/032/033	0563-HCN/HCP/HCQ/HCR/HCS/HCT		
- Brocade 2GB USB Drive	95Y0581		12B	0563-028/029/030/031/032/033	0563-HCN/HCP/HCQ/HCR/HCS/HCT		
Brocade VDX 6710-54 Switch (oPSE) Chassis	00W0472	0563029	12B	0563-029	0563-HCP		
- Brocade 250w Exhaust Power Supply with Fans	95Y0534	-	12B	0563-029/031	0563-HCP/HCR		
- Brocade 6710-54 iDPx Rack Mount Kit	00W0476	-	12B	0563-029	0563-HCP		
- Brocade VDX 6720-24 Switch (PSE) Chassis	00W0478	0563030	12B	0563-030	0563-HCQ		
Brocade VDX 6720-24 Switch (oPSE) Chassis	00W0481	0563031	12B	0563-031	0563-HCR		
Brocade iDPx Rack Mount Kit (24")	81Y1422	-	12B	0563-031/033	0563-HCR/HCT		
Brocade VDX 6720-60 Switch (PSE) Chassis	00W0483	0563032	12B	0563-032	0563-HCS		
Brocade 500w Intake Power Supply	95Y0576	-	12B	0563-032	0563-HCS		
Brocade 80mm Intake Fan	00W0709	-	12B	0563-032	0563-HCS		
Brocade VDX 6720-60 Switch (oPSE) Chassis	00W0490	0563033	12B	0563-033	0563-HCT		
- Brocade 500w Exhaust	95Y0578	-	12B	0563-	0563-		

Brocade Switches	Ethernet	FRU	Option	Release	HVEC	XCC	Category Level
Power Supply					033	HCT	
- Brocade 80mm Exhaust Fan		00W0711	-	12B	0563-033	0563-HCT	
Brocade MLXe-8 Switch Chassis		00W0497	0563034	12B	0563-034	0563-HCU	
Brocade MLXe-8 Exhaust Fan		00W0499	-	12B	0563-034	0563-HCU	
Brocade MLXe-8 Air Filter		00W0501	-	12B	0563-034	0563-HCU	
Brocade MLXe/MLX/XMR 16/8-Slot Hi-Speed Fabric Module		00W0431	46C9584	12B	0563-034/035/040	0563-HCU/HCV/HD2	
Brocade MLX Management Module		00W0427	46C9580	12B	0563-034/035	0563-HCU/HCV	
Brocade 1200w PSU for MLX 8/16-Slot Chassis		00W0423	46C9576	12B	0563-034/035	0563-HCU/HCV	
Brocade MLX 16/8-Slot Hi-Speed Fabric Module Blank Panel		00W0505	-	12B	0563-034/035	0563-HCU/HCV	
Brocade MLX Management Module Blank Panel		00W0505	-	12B	0563-034/035	0563-HCU/HCV	
Brocade MLX 8/16-slot Power Supply Blank Panel		00W0505	-	12B	0563-034/035	0563-HCU/HCV	
Brocade MLX Interface Module Blank Panel		00W0505	-	12B	0563-034/035	0563-HCU/HCV	
- Brocade MLXe-16 Switch Chassis		00W0510	0563035	12B	0563-035	0563-HCV	
- - Brocade MLXe-16 Exhaust Fan		00W0512	-	12B	0563-035	0563-HCV	
- - Brocade MLXe-16 Air Filter		00W0514	-	12B	0563-035	0563-HCV	
Brocade MLX 8-port SFP+ 10GbE (D) Module		00W0433	-	12B	0563-037	0563-HCX	
Brocade MLX 48-port MRJ21 1GbE Module		00W0435	-	12B	0563-038	0563-HCY	
Brocade MLXe/MLX RJ45 24-port 1GbE (ML) Module		00W0437	-	12B	0563-041	0563-HD3	
Brocade XIB-R000291-X Enterprise Rack Mount Kit		00W0464	-	12B	0563-028	0563-HCN	

Brocade Switches	Ethernet	FRU	Option	Release	HVEC	XCC	Category Level
Brocade MLXe-8 Enterprise Rack Mount Kit		00W0503	-	12B	0563-034	0563-HCU	
Brocade MLXe-16 Enterprise Rack Mount Kit		00W0516	-	12B	0563-035	0563-HCV	
Brocade Cable Management Comb		69Y0367	-	12B	0563-	0563-	
Brocade 1410 Rack Mount Kit, Fixed		81Y1409	-	12B	0563-	0563-	
Brocade ICX 6610 Switch (PSE) Chassis		00Y6991	--	12C	0563-042	0563-HD4	T1
-Brocade RPS15-I 250w Power Supply (PSE)		00Y6993	00Y7010	12C	0563-042	0563-HD4	T1
-Brocade ICX6610-FAN-I Fan Module (PSE)		00Y6995	00Y7014	12C	0563-042	0563-HD4	T1
Brocade ICX6610-RMK Enterprise Rack Mount Kit		00Y7020	00Y7018	12C	0563-042	0563-HD4	
Brocade ICX 6610 Switch (oPSE) Chassis		00Y7000	--	12C	0563-043	0563-HD5	T1
-Brocade RPS15-I 250w Power Supply (oPSE)		00Y7002	00Y7012	12C	0563-043	0563-HD5	T1
-Brocade ICX6610-FAN-I Fan Module (oPSE)		00Y7004	00Y7016	12C	0563-043	0563-HD5	T1
Brocade ICX6610-RMK Enterprise Rack Mount Kit		00Y7024	00Y7022	12C	0563-043	0563-HD5	
Brocade 1860 Single-port SFP+ 10GbE Fabric Adapter			00Y7026	12C	0563-	0563-HD4/HD5	
Brocade 1860 Dual-port SFP+ 10GbE Fabric Adapter			00Y7006	12C	0563-	0563-HD4/HD5	
Brocade MLXe 24-port SFP+ 10GbE (DM) Module		00Y7032	--	12C	0563-044	0563-HD6	

Table - Chelsio

Chelsio Adapters	FRU	Option	Release	HVEC	XCC	Category Level
Chelsio Single-port, CX4, 10GbE, PCI-E x8 Adapter	46M1815	46M1813	Phase.3, iDPX.Sep08,	-	3331-HC2	

			8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
Chelsio 10GbE Expansion Card (CFFh) for IBM BladeCenter	46M1819	46M1817	Phase.3, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	-	3331-HC2	
Chelsio S310E Single-port 10GbE PCI-E 2.0 x8 Adapter	59Y1954	59Y1952	iDPX.Sep08, iDPX.8Ci, 9B, 10A, 10B, 11A	-	3331-HC2	
Chelsio Single-port, SFP+, 10GbE, PCI-E x8 Adapter	46M1811	46M1809	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	3331-HC2	
Chelsio S320E Dual-port 10GbE PCI-E 2.0 x8 Adapter	59Y1958	59Y1956	iDPX.Sep08, iDPX.8Ci, 9B, 10A, 10B, 11A	-	3331-HC2	T1
Chelsio T420-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2239	46M2237	11A, 11B, 12A	-		
Chelsio T420-SO-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	81Y8023	81Y8021	11A, 11B, 12A	-		
Chelsio T440-CR Quad-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2243	46M2241	11A, 11B, 12A	-		
Chelsio T420-BCH Dual-port 10GbE CFFh Expansion Card	46M2247	46M2245	11A, 11B, 12A	-		

Table - Cisco Ethernet Switches

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
Cisco 2960G 48-port Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco Rack Mount Brackets for Compact Switches	44E9058		July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5,	4670-032/017	4670-HCG/HC3	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A			
- Cisco 2960G 48-port HPC-E GBM	46D0104	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-032	4670-HCG	
Cisco 3560-E 48-port Ethernet Switch Bundle	-	-	Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco 3750E/3560E 265w Power Supply	46M1841	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
- Cisco 3750E/3560E Fan Module	46M1843	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
- Cisco 3560-E 48-port Ethernet Switch Chassis	49Y0415	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
- Cisco X2 Twin GbE (SFP) Converter Module	49Y0432	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
Cisco HPC-E 3750G-48TS Ethernet Switch bundle	-	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, 8C,	-	-	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- 3750G HPC-E	40K9126	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-017	4670-HC3	
- Cisco StackWise 50CM Stacking Cable	40K9122	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10, 10B, 11A	4670-017/051	4670-HC3/H D2	T1
Cisco 4900M Ethernet	-	-	Phase.3,	-	-	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
Switch Bundle			Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
- Cisco 4900M Switch Chassis	49Y0403	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
- Cisco 4900M 1000w AC Power Supply	49Y0406	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
- Cisco 4900M Rack Mount Kit	49Y0409	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
Cisco 4948 48-port Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco C49xx Front and Rear Rack Mount Brackets	44E9085	-	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-033	4670-HCH	
- Cisco 4948 300-Watt AC Power Supply	44E9083	-	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX	4670-033	4670-HCH	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
- Cisco 4948 48-port Ethernet Switch	46D0109	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-033	4670-HCH	
Cisco 6509-E Ethernet Switch Enclosure Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco 6509-E Rack Mount Kit	44R8704	-	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-035	4670-HCK	
- Catalyst 6500 6000w AC Power Supply	40K9189	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08,	4670-035	4670-HCK	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
- Catalyst 6509-E Chassis Fan Tray	41Y4494	-	6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-035	4670-HCK	
- Cisco 6509-E Switch Chassis	41Y4486	-	6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-035	4670-HCK	
Cisco HPC-E Supervisor 720 Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
- Cisco SUP720 HPC-E GBM	46D0119	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4670-037	4670-HCM	
Cisco X6148A 48-port GbE Line Card Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco X6148A 48-port GbE Line Card Bundle	46D0125	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-038	4670-HCN	
Cisco HPC-E X6708 DFC3C 8-port 10GbE Line Card Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Cisco X6708 DFC HPC-E GBM	46D0130	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4670-039	4670-HCP	
Cisco HPC-E X6748 DFC3C 48-port GbE Line Card Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Cisco X6748 DFC HPC-E GBM	46D0140	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4670-041	4670-HCR	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
Cisco X4904 4-port 10GbE Line Card Bundle	-	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco X4904 4-port 10GbE Line Card	46M1835	46M1833	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
Cisco X4908 8-port 10GbE Line Card Bundle	-	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco X4908 8-port 10GbE Line Card	46M1831	46M1829	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
Cisco X4920 20-port 1GbE Line Card Bundle	-	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco X4920 20-port 1GbE Line Card	46M1827	46M1825	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
Cisco 10GBASE-SR XENPAK Module	40K5597	40K5598	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08,	4670-034/035	4670-HCJ/HCK	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
Cisco 1000BASE-SX GBIC Module	40K5601	40K5603	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670- 021/016	4670- HC6/H C8	
Cisco 1000BASE-T GBIC Module	40K5605	40K5607	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670- 021/016	4670- HC6/H C8	
Cisco 6748 (CFC) Fabric Enabled 48-port Gb Ethernet Line Card	40K8813	40K8914	6A, 6B, Jan.07, Feb.07,	4670- 018/034/ 035	4670- HC4/H CJ/HC	

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B		K	
Cisco 1000BASE-SX SFP Module	44E9086	44E9088	July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670- 017/030/ 032/033/ 034/035/ 048	4670- HC3/H CE/H CG/H CH/H CJ/HC K/HC Y	
Cisco X6716 16-port 10GbE DFC Line Card	46M1839	-	Phase.3, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670- 046	4670- HCW	
- Cisco 4948E Switch (oPSE) Chassis	81Y8170	-	11A, 11B	4670- 050	4670- HD1	
- - Cisco 4948E Exhaust Fan Module	81Y8174		11A	4670- 050	4670- HD1	
- - Cisco C49E 300w Exhaust AC Power Supply'	81Y8172	81Y8185	11A	4670- 050	4670- HD1	T1
Cisco C3K-X-350w AC Power Supply	81Y8180	81Y8187	11A	4670- 051	4670- HD2	T1
Cisco 10GbE (SFP+) Uplink Module	81Y8191	81Y8189	11A, 11B	4670- 051	4670- HD2	T1
1m Cisco StackWise	81Y1645	81Y1643	11A, 11B	4670-	4670-	T1

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
Cable				051	HD2	
3m Cisco StackWise Cable	81Y1649	81Y1647	11A, 11B	4670-051	4670-HD2	T1
Cisco 3750-X Switch (oPSE)	81Y8178		11A	4670-051	4670-HD2	T1
Cisco 3K-X Exhaust Fan Module	81Y8182		11A	4670-051	4670-HD2	T1

Table - Cyclades Terminal Servers

Cyclades Terminal Servers	FRU	Option	Release	HVEC	XCC	Category Level
Cyclades ACS48 Terminal Server	40K5609	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase 3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0448-011	0448-HC4	
Cyclades Cyclades ACS32 Terminal Server	40K9073	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08,	0448-012	0448-HC3	

Cyclades Terminal Servers	FRU	Option	Release	HVEC	XCC	Category Level
			Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			

Table - DDN

Description	FRU	Option	Release	HVEC	XCC	Category Level
- DDN Fibre Channel Based SFA10000 Storage Controller	95Y3979	-	11B	0750-011	0750-HC1	FRU
- - DDN SFA10000 1865w Power Supply	95Y3981	-	11B	0750-011/012	0750-HC1/HC2	T1
- - DDN SFA10000 Fan Module	95Y3983	-	11B	0750-011/012	0750-HC1/HC2	T1
- - 1TB DDN SATA Disk Module	95Y3985	-	11B	0750-011/012	0750-HC1/HC2	T1
- - DDN 24in Rack Mount Kit	95Y3987	-	11B	0750-011/012	0750-HC1/HC2	FRU
- - 2.5m 10a/250v C13/C14 Rack Power Cable	00D5201	-	11B,12B	0750-011/012/014	0750-HC1/HC2/HC4	T1
- 1m DDN Ethernet ICL Cable	95P5305	-	11B,12B	0750-011/012/014	0750-HC1/HC2/HC4	T1
- 1m DDN QSFP Copper QDR InfiniBand ICL Cable	00D5202	-	11B,12B	0750-011/012/014	0750-HC1/HC2/HC4	T1
- DDN 8Gbps Fibre Channel SFP+ Transceiver	95Y3988	-	11B	0750-011	0750-HC1	T1
- DDN SFA10000 External Battery Backup Unit	95Y3989	-	11B	0750-011/012	0750-HC1/HC2	T1
- - DDN BBU Battery	95Y3991	-	11B	0750-011/012	0750-HC1/HC2	
- - 0.5m USB-A/B Cable	00D5204	-	11B,12B	0750-011/012/014	0750-HC1/HC2/HC4	T1
- - 2.5m 10a/250v C13/C14 Rack Power Cable	00D5201	-	11B	0750-011/012	0750-HC1/HC2	T1
- DDN InfiniBand Based SFA10000 Storage Controller	95Y3992	-	11B	0750-012	0750-HC2	FRU
- DDN SS7000 Disk Enclosure Chassis	95Y3993	-	11B	0750-015/018/019	0750-HC5/HC8/HC9	FRU 3
- - DDN SS7000 I/O Module	95Y3995	-	11B	0750-015/018/019	0750-HC5/HC8/HC9	T1
- - DDN SS7K 1865w Power Supply	95Y3997	-	11B	0750-015/018/019	0750-HC5/HC8/HC9	T1
- - DDN SS7K Adjustable Rail Kit	95Y3999	-	11B	0750-015/018/019	0750-HC5/HC8/HC9	FRU 3
- - DDN SS7K Cable Management Arm Kit	95Y4001	-	11B	0750-015/018/019	0750-HC5/HC8/HC9	T1
- - 2.4m 10a/250v C13/C14 Rack Power Cable	00D5206	-	11B	0750-015/018/019	0750-HC5/HC8/HC9	T1

Description	FRU	Option	Release	HVEC	XCC	Category Level
- 3m DDN mSAS Cable	95Y4003	-	11B	0750-019	0750-HC9	T1
- DDN 45U Rack (U.S., Europe, Australia)	95Y4006		11B	0750-020/021/022	0750-HCA/HCB/HCC	FRU 3
- 45U Rack Front Door	00D5208		11B	0750-020/021/022	0750-HCA/HCB/HCC	T1
- DDN 42U Rack	95Y4005		11B	0750-023/024/025	0750-HCD/HCE/ECF	FRU 3
- 42U Rack Front Door	00D5210		11B	0750-023/024/025	0750-HCD/HCE/ECF	T1
- 45U/42U Rack Tip Plate	45E0806		11B	0750-020/021/022/023/024/025	0750-HCA/HCB/HCC/HCD/HCE/ECF	T2
- DDN Rack Baying Kit	95P5359	95Y4013	11B	0750	-	
- DDN Service Ladder	45E0998	90Y3701	11B	0750	-	
1U Rack Filler Plate - 45U Rack	46M7005	-	11B	0750		T1
4U Rack Filler Plate - 45U Rack	46M7006	-	11B	0750		T1
- DDN Left-side Zero U PDU for U.S.	95P5362		11B	0750-020/023	0750-HCA/HCD	T2
- DDN Right-side Zero U PDU for U.S.	95P6972		11B	0750-020/023	0750-HCA/HCD	T2
- DDN Left-side Zero U PDU for Europe	95P5363		11B	0750-021/024	0750-HCB/HCE	T2
- DDN Right-side Zero U PDU for Europe	95P6973		11B	0750-021/024	0750-HCB/HCE	T2
- DDN Zero U PDU for Australia	95Y4020		11B	0750-022/025	0750-HCC/ECF	T2
- 3m DDN mSAS Cable	95Y4003	00D5211	11B	0750	-	T1
- DDN SFA12K-40 InfiniBand Based Storage Controller	00W0562	0750014	12B	0750-014	0750-HC4	
- - DDN SFA12K 980w Power Supply	00W0564	-	12B	0750-014	0750-HC4	
- - DDN SFA12K Front Fan Module	00W0566	-	12B	0750-014	0750-HC4	
- - DDN SFA12K Rear Fan Module	00W0568	-	12B	0750-014	0750-HC4	
- - DDN SFA12K Non-Volatile Cache Protection Module	00W0570	-	12B	0750-014	0750-HC4	
- - DDN SFA12K Rack Mount Kit	00W0572	-	12B	0750-014	0750-HC4	
- DDN External Battery Backup Unit (EV1550)	00W0576	-	12B	0750-014	0750-HC4	
- - DDN BBU Battery	00W0578	-	12B	0750-014	0750-HC4	
DDN External Battery Backup Unit Assembly	00AE188		14A	0750-014	0750-HC4	
0.5m DDN 10a/250v C13/C14 Rack Power Cable	00AE193		14A	0750-014	0750-HC4	

Description	FRU	Option	Release	HVEC	XCC	Category Level
- DDN Metered Automatic Transfer Switch	00W0580	-	12B	0750-014	0750-HC4	
- 3m DB9(M) to DB9(F) Console Cable	95P5306	-	12B	0750-014	0750-HC4	
- 6m DDN miniSAS to miniSAS	00W0542	00W0540	12B	0750-014	0750-HC4	
- 3m DDN HD-miniSAS to miniSAS Cable	46C9606	46C9604	12B	0750-014	0750-HC4	
- 6m DDN HD-miniSAS to miniSAS Cable	00Y7047	00Y7045	12C	0750-020, 021, 022, 023, 024, 025	HCA, HCB, HCC, HCD, HCE, HCF	T1

Table – DDN SFA7700 System FRUs (0750-028/HCK)

Description	FRU	Releases	Tier
DDN SFA7700 Chassis Enclosure	00AE072	14A	FRU 3
DDN SFA7700 IB System Controller Module	00AE074	14A	Tier 2
DDN SS7K 1865w Power Supply	95Y3997	11B, 12A, 12C, 13A, 13B, 14A	Tier 1
DDN SFA7700 Adjustable Rail Kit	00AE080	14A	FRU 3
DDN SFA7700 Cable Management Arm Kit	00AE082	14A	Tier 1
DDN 7K7/SS7K Drive Slot Filler	00AE084	14A	Tier 1
DDN SFA7700 Faceplate Kit	00AE086	14A	Tier 1
2.4m DDN 10a/250v C19/C14 Rack Power Cable	00D5206	11B, 12A, 12C, 13A, 13B, 14A	Tier 1
7.62m CAT5E Cable	95P5304	14A	Tier 1
0.91m CAT5E Cable	95P5305	14A	Tier 1

Table – DDN Drive Modules

Description	FRU	MTM or OPT	Releases	Model Usage (by XCC)	Tier
300GB DDN 15K RPM SAS 6GB/s Drive Module for SS7K	00AE098	00AE097	14A	0750-HC5	Tier 1
600GB DDN 15K RPM SAS 6GB/s Drive Module for SS7K	00AE106	00AE105	14A	0750-HC5	Tier 1
600GB SS7000 SAS 3.5" Hard Disk	95Y4009	95Y3520	11B	0750-HC5	Tier 1
1TB SS7000 SATA 3.5" Hard Disk	95Y4007	95Y3511	11B	0750-HC5	Tier 1
2TB DDN 7.2K RPM 6Gb/s SATA Drive Module	46C9610	46C9608	12B	0750-HC5	Tier 1
3TB SS7000 SATA 3.5" Hard Disk	95Y4008	95Y3514	11B	0750-HC5	Tier 1
200GB SS7000 eMLC Solid State Drive	95Y4010	95Y3526	11B	0750-HC5	Tier 1
400GB SS7000 eMLC Solid State Drive	95Y4011	95Y3529	11B	0750-HC5	Tier 1
400GB DDN eMLC Solid State Drive Module	00W0413	00W0411	12B	0750-HC5	Tier 1
200GB DDN Write Intensive 6Gb/s SSD Drive Module for SS7K	00AE114	00AE113	14A	0750-: HC5, HCK	Tier 1
400GB DDN Write Intensive 6Gb/s SSD Drive Module for SS7K	00AE122	00AE121	14A	0750-: HC5, HCK	Tier 1
800GB DDN Mixed Use 6Gb/s SSD Drive Module for SS7K	00AE130	00AE129	14A	0750-: HC5, HCK	Tier 1

200GB DDN Write Intensive 6Gb/s SSD Drive Module for SS8K	00AE118	00AE117	14A	0750HCH	Tier 1
400GB DDN Write Intensive 6Gb/s SSD Drive Module for SS8K	00AE126	00AE125	14A	0750HCH	Tier 1
800GB DDN Mixed Use 6Gb/s SSD Drive Module for SS8K	00AE134	00AE133	14A	0750HCH	Tier 1

Table - Force10 Switches

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
Force10 S2410CP 24-port 10GbE Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 S2410CP 24-port 10GbE Switch	46C4963	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-031	4667-HCJ	
- Force10 S2410CP Rack Mount Kit	46D0182	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-031	4667-HCJ	
Force10 C300 Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 C150/C300 Line Card Blank Panel	46C4975	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/HCL	
- Force10 C300/C150 Power Module Blank Panel	46C4977	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/HCL	
- Force10 C300 Ethernet Switch Chassis	46C4967	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032	4667-HCK	
- Force10 C150/C300	46C4973	46C4971	Phase.3,	4667-	4667-	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
1200w Power Supply			June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	032/033	HCK/ HCL	
- Force10 C300 Rack Mount Kit w/ Integrated Air Baffle	46C4979	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032	4667-HCK	
- Force10 C150/C300 Switch Fabric and Route Processor Module	46C4985	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C150/C300 RPM Blank Panel	46D0151	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
Force10 C150 Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 C150/C300 1200w Power Supply	46C4973	46C4971	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/ HCL	
- Force10 C150/C300 Line Card Blank Panel	46C4975	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/ HCL	
- Force10 C150 Fan Subsystem	46C4993	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C150 Rack	46C4995	-	Phase.3,	4667-	4667-	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
Mount Kit w/ Integrated Air Baffle			June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	034	HCM	
- Force10 C300/C150 Power Module Blank Panel	46C4977	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/ HCL	
- Force10 C150/C300 Switch Fabric and Route Processor Module	46C4985	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C150 Ethernet Switch Chassis	46C4991	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C150/C300 RPM Blank Panel	46D0151	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
Force10 S50N 48-port Gb Ethernet Switch Bundle	-	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 S50 Rail Kit	40K5681	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07,	4667-030	4667-HCH	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- Force10 S50 DB9 serial adapter	40K5683	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-030	4667-HCH	
- Force10 S50N 48-port Gb Ethernet Switch	44R9936	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-030	4667-HCH	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
Force10 S50N 2-port 10Gb XFP-based Uplink Kit	-	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 10Gb XFP SR Optics Module	40K8731	40K8890	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A,11B	4667-012/029/010/031/032/033	4667-HC3/H CF/H CG/H CJ/HC K/HCL	
- Force10 S50N 2-port 10Gb XFP-based Uplink Module	44R9940	44R9938	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-030	4667-HCH	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
Force10 24Gb Stacking Bundle	-	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 S50N 1-port 24Gb Stacking Module	44R9951	44R9948	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-030	4667-HCH	
- Force10 60cm 24Gb Stacking Cable	44R9952	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-030	4667-HCH	
Force10 S50N Rack Mount Kit for iDataPlex	46C3439	46C3437	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-030	4667-HCH	
Force10 C300 Fan Subsystem	46C4969	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
Force10 C150/C300 1200w Power Supply	46C4973	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/HCL	
Force10 XFP-to-CX4 Transceiver	44R9946	46C5043	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4667-012/029/010/030/031/032/033	4667-HC3/H CF/H CG/H CH/H CJ/HC K/HCL	
Force10 C150/C300 Switch Fabric and Route Processor Module	46C4985	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
Force10 10Gb XFP SR Optics Module	40K8731	40K8890	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-012/029/010/031/032/033	4667-HC3/H CF/H CG/H CJ/HC K/HCL	
Force10 S50N 2-port CX4-based 10Gb Uplink Module	44R9944	46C3433	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08,	4667-030	4667-HCH	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
Force10 C150/C300 48-port Gb Ethernet Line Card	46C5003	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-035	4667-HCN	
Force10 C150/C300 4-port 10Gb Ethernet Line Card	46C5007	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-036	4667-HCP	
Force10 C150/C300 8-port 10Gb Ethernet Line Card	46C5011	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-037	4667-HCQ	
Force10 S60 48-port GbE Switch Bundle for 1410	-	-	10B, 11A, 11B	-	-	
- Force10 S60 48-port GbE Switch Chassis for 1410	81Y8026	-	10B, 11A	4667-044	4667-HCX	
- - Force10 S60 225w Power Supply with Intake Fans	81Y8028	81Y8048	10B, 11A	4667-044	4667-HCX	
- - Force10 S60 Intake Fan Module	81Y8030	-	10B, 11A	4667-044	4667-HCX	
- Force10 S60 Rack Mount Kit for 1410	81Y8032	-	10B, 11A	4667-044	4667-HCX	
Force10 S60 48-port GbE Switch Bundle for iDPx	-	-	10B, 11A,11B	-	-	
- Force10 S60 48-port GbE Switch Chassis for iDPx	81Y8035	-	10B, 11A	4667-045	4667-HCY	
- - Force10 S60 225w Power Supply with Exhaust Fans	81Y8037	81Y8049	10B, 11A	4667-045	4667-HCY	
- - Force10 S60 Exhaust Fan Module	81Y8039	-	10B, 11A	4667-045	4667-HCY	
- Force10 S60 Rack Mount Kit for iDPx	81Y8041	-	10B, 11A	4667-045	4667-HCY	
Force10 E600i ExaScale Switch Enclosure Bundle	-	-	10A, 10B, 11A, 11B	-	-	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
- Force10 Line Card and RPM Blank Panel	40K9093	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 1GB Compact Flash Memory	40K9013	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 E600 2500W/1500W AC Power Supply	40K5778	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 E600 Fan Subsystem	40K5780	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 E600 Air Filter	40K5784	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 E600 Rack Mount Kit	40K5790	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 E600i 7-slot chassis	40M3313	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 CC-E-SFM3 Switch Fabric Module	40M3315	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 ExaScale EH Route Processor Module	69Y0469	-	10A, 10B, 11A	4667-040	4667-HCT	
Force10 E1200i ExaScale Switch Enclosure Bundle	40K8993	-	10A, 10B, 11A	4667-039	4667-HCS	
- Force10 E1200 Vertical Cable Management Kit plus Hood	40K8995	-	10A, 10B, 11A	4667-039	4667-HCS	
- Force10 Line Card and RPM Blank Panel	40K9093	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 1GB Compact Flash Memory	40K9013	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 CC-E-SFM3 Switch Fabric Module	40M3315	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 ExaScale EH Route Processor Module	69Y0469	-	10A, 10B, 11A	4667-040	4667-HCT	
- Force10 E1200i-AC 2800w Power Supply	69Y0485	69Y0483	10A, 10B, 11A	-	-	
- Force10 E1200i Fan Subsystem	69Y0460	-	10A, 10B, 11A	-	-	
- Force10 E1200i Filter	69Y0462	-	10A, 10B, 11A	-	-	
- Force10 E1200i-AC Power Supply Blank Panel	69Y0464	-	10A, 10B, 11A	-	-	
- Force10 E1200i AC Switch Chassis	69Y0458	-	10A, 10B, 11A, 11B	-	-	
Force10 S60 225w Power Supply with Intake Fans	81Y8028	81Y8048	10B, 11A	4667-044	4667-HCX	

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
Force10 S60 225w Power Supply with Exhaust Fans	81Y8037	81Y8049	10B, 11A	4667-045	4667-HCY	
Force10 S60 Dual-port 10GbE (SFP+) Uplink Module	81Y8044	81Y8042	10B, 11A	4667-044/045	4667-HCX/HCY	
Force10 S60 Single-port 24Gbps Stacking Kit	-	-	10B, 11A, 11B	-	-	
- Force10 S60 Single-port 24Gbps Stacking Module	81Y8047	81Y8045	10B, 11A	4667-044/045	4667-HCX/HCY	
- Force10 60cm 24Gb Stacking Cable	44R9952	-	10A	4667-044/045	4667-HCX/HCY	
Force10 E1200i-AC 2800w Power Supply	69Y0485	69Y0483	10A, 10B, 11A	4667-039	4667-HCS	
Force10 ExaScale EH Route Processor Module	69Y0469	-	10A, 10B, 11A	4667-040	4667-HCT	
Force10 ExaScale 90-port MRJ21 GbE Line Card	69Y0473	-	10A, 10B, 11A	4667-041	4667-HCU	
Force10 ExaScale 10-port SFP+ 10GbE Line Card	69Y0477	-	10A, 10B, 11A	4667-042	4667-HCV	
Force10 ExaScale 40-port SFP+ 10GbE Line Card	69Y0481	-	10A, 10B, 11A	4667-043	4667-HCW	
Force10 ExaScale 4-port 40GbE Line Card	81Y8099	-	11A	4667-046	4667-HCZ	T1

Table - Foxconn

Foxconn	FRU	Option	Release	HVEC	XCC	Category Level
IBM Kitted FRU Bundle for QLogic 12800-360	49Y8529	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-023	0449-HCG	
- Cable Pass-Thru Assembly	46M2228	46M5355	9A, 9AW, 9B, 10A, 10B, 11A	-	3331-HC2	
- Cable Management Bracket	46M2229	-	9A, 9AW, 9B, 10A, 10B, 11A	-	-	
IBM Kitted FRU Bundle for QLogic 12800-180	49Y8503	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-022	0449-HCF	
iDPX Rack Mount Kit for Avocent MergePoint 5300 SP Manager	46C6317	46C3443	IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	4369-HC3	
iDataPlex Rack Mount Kit for Cisco 4948-10GE	46C6313	46C5049	Phase.3, IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-	4670-031	4670-HCF	

Foxconn	FRU	Option	Release	HVEC	XCC	Category Level
			I, 9A, 9AW, 9B			
iDataPlex Rack Mount Kit for Console Managers	46M6214	49Y0434	Phase.3, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	1754-HC1/H C2/HC 3/HC4	
iDataPlex Rack Mount Kit for Cisco 2960G-24	46C6312	46C3431	Phase.3, IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	4670-030/032	4670-HCE/HCG	
iDataPlex Rack Mount Kit for Cisco 3750G-48TS	46C6314	44R9978	Phase.3, IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	4670-017/048	4670-HC3/H CY	
iDataPlex Rack Mount Kit for Cyclades ACS48	46C6315	46D0178	Phase.3, IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	3331-HC2	
IBM Racked FRU for Mellanox IS5600 Switch	81Y1513	-	10A, 10B, 11A	-	0724-FRU	

Table - IBM

IBM	FRU	Option	Release	HVEC	XCC	Category Level
10m Blue CAT5e Cable	40K8969	40K8927	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07,			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
			Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A,11B			
0.6m Yellow CAT5e Cable	40K8971	40K8933	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
0.6m Green CAT5e Cable	40K8976	40K5563	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase 1, Phase 2, Phase 3, August.07, Sept.07, Oct.07,			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
25m Green CAT5e Cable	40K8980	40K8869	Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B 6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
0.2m LC(female) - SC(male) Fiber Cable	44R8700	44R8701	Phase.1, Phase.2, Phase.3, Nov.07, Dec.07, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A,			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
			10B, 11A, 11B			
0.6m Blue CAT5e Cable	40K8966	40K5679	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
1.5m Blue CAT5e Cable	40K8967	40K8785	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A,			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
			9AW, 9B, 10A,10B, 11A, 11B, 12A			
3m Blue CAT5e Cable	40K8968	40K5581	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
25m Blue CAT5e Cable	40K8970	40K8930	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08,			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
1.5m Yellow CAT5e Cable	40K8972	40K8951	8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A 6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
3m Yellow CAT5e Cable	40K8973	40K8957	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08,			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
			Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
10m Yellow CAT5e Cable	40K8974	40K8801	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
25m Yellow CAT5e Cable	40K8975	40K8807	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08,			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
			June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
1.5m Green CAT5e Cable	40K8977	40K5643	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
3m Green CAT5e Cable	40K8978	40K5793	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
			Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
10m Green CAT5e Cable	40K8979	40K5794	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B, 12A			
10m CAT6 Blue Cable	90Y3734	90Y3721	11A, 11B, 12A			
25m CAT6 Blue Cable	90Y3735	90Y3730	11A, 11B, 12A			
3m CAT6 Blue Cable	90Y3732	-	11A, 11B, 12A			
3m IBM Optical QDR InfiniBand QSFP Cable	49Y0489	49Y0488	10A, 10B, 11A, 11B, 12A			
10m IBM Optical QDR InfiniBand QSFP Cable	49Y0492	49Y0491	10A, 10B, 11A, 11B, 12A			
30m IBM Optical QDR InfiniBand QSFP Cable	49Y0495	49Y0494	10A, 10B, 11A, 11B, 12A			
0.5m IBM QSFP Copper Cable	81Y8091	81Y8090	10B,12B			
1m IBM QSFP Copper Cable	81Y8093	81Y8092	10B,12B			

IBM	FRU	Option	Release	HVEC	XCC	Category Level
3m IBM QSFP Copper Cable	81Y8095	81Y8094	10B,12B			
1m IBM QSFP -to- 4-SFP+ Copper cable	81Y8079	81Y8078	10B			
3m IBM QSFP -to- 4-SFP+ Copper cable	81Y8081	81Y8080	10B			
5m IBM QSFP -to- 4-SFP+ Copper cable	81Y8077	81Y8076	10B			
0.5m IBM Direct Attach Copper SFP+ Cable	81Y8083	81Y8082	10B			
1m IBM Direct Attach Copper SFP+ Cable	81Y8085	81Y8084	10B			
3m IBM Direct Attach Copper SFP+ Cable	81Y8087	81Y8086	10B			
7m IBM Direct Attach Copper SFP+ Cable	81Y8089	81Y8088	10B			
IBM 10GbE SW SFP+ Transceiver	49Y8579	49Y8578	10A, 10B, 11A, 11B, 12A			
0.6m IBM HD-miniSAS to miniSAS SAS Cable	00D2142	00D5222	12C			
1.5m IBM HD-miniSAS to miniSAS SAS Cable	00D2144	00D5224	12C			
3m IBM HD-miniSAS to miniSAS SAS Cable	00D2148	00D5226	12C			
6m IBM HD-miniSAS to miniSAS SAS Cable	44X3322	00D5228	12C			
1m IBM miniSAS to miniSAS SAS Cable	00J6237	00D5230	12C			
3m IBM miniSAS to miniSAS SAS Cable	00J6238	00D5234	12C			
6m IBM miniSAS to miniSAS SAS Cable	00J6239	00D5239	12C			

Table – IBM -NETAPP

IBM-NETAPP	FRU	Option	Release	HVEC	XCC	Category Level
NetApp DE6600 Chassis (GNRx JBOD Models 1, 2, 3, 4)	00D1655	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	FRU – 2 people
--NetApp DE6600 Fan Assembly	90Y8598	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1

IBM-NETAPP	FRU	Option	Release	HVEC	XCC	Category Level
--NetApp DE6600 1755w Power Supply	90Y8593	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1
- - - NetApp DE6600 Drive Drawer	90Y8594	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1
- - - NetApp SAS ESM	00D1657	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1
- - NetApp DE6600 Rack Mount Kit	59Y5414	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	FRU – 2 people
- NetApp DE6600 Right Rear Mounting Bracket and Left Rear Mounting Bracket	46W0474	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1
- - NetApp DE6600 Blank Bezel	00D1659	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1
- - 3.5" Drive Carrier	46W0476	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1
- - - Chassis Handle	59Y5526	--	12C	0796-011, 012, 013, 014	0796-HC1/HC2/HC3/HC4	T1
- IBM 2TB SAS HDD Assembly	90Y8597	--	12C	0796-011, 012	0796-HC1/HC2	
- IBM 3TB SAS HDD Assembly	90Y8732	--	12C	0796-013, 014	0796-HC3/HC4	
-IBM 200GB Solid State Drive and Carrier GBM (Storage released)	90Y8704	--	12C	0796-012, 014	0796-HC2/HC4	

Table – IBM System x GSS 24-slot JBOD (24x200GB SSD) System FRUs [MTM: 0796-017/HC7]

Description	FRU	Releases	Tier
NetApp DE5600 (EOEM) Chassis	00AE148	14A	FRU
NetApp DE5600 585w Power Supply w/ Fans	00W1521	14A	Tier 1
NetApp SAS ESM	00D1657	12C, 13A, 13B, 14A	Tier 1

NetApp DE5600 2U Rail Kit (Left and Right)	35P1496	14A	FRU
NetApp DE5600 Bezels (Right and Left End Caps)	00AE152	14A	Tier 1
IBM 200GB 2.5" 6Gb/s SAS SSD Assembly	00FN367	14A	Tier 2

Table – IBM System x GSS 24-slot JBOD (24x800GB SSD) System FRUs [MTM: 0796-018/HC8]

Description	FRU	Releases	Tier
NetApp DE5600 (EOEM) Chassis	00AE148	14A	FRU
NetApp DE5600 585w Power Supply w/ Fans	00W1521	14A	Tier 1
NetApp SAS ESM	00D1657	12C, 13A, 13B, 14A	Tier 1
NetApp DE5600 2U Rail Kit (Left and Right)	35P1496	14A	FRU
NetApp DE5600 Bezels (Right and Left End Caps)	00AE152	14A	Tier 1
IBM 800GB 2.5" 6Gb/s SAS SSD Assembly	00FN371	14A	Tier 2

Table – IBM System x GSS 24-slot JBOD (24x1.2TB SAS HDD) System FRUs [MTM: 0796-019/HC9]

Description	FRU	Releases	Tier
NetApp DE5600 (EOEM) Chassis	00AE148	14A	FRU
NetApp DE5600 585w Power Supply w/ Fans	00W1521	14A	Tier 1
NetApp SAS ESM	00D1657	12C, 13A, 13B, 14A	Tier 1
NetApp DE5600 2U Rail Kit (Left and Right)	35P1496	14A	FRU
NetApp DE5600 Bezels (Right and Left End Caps)	00AE152	14A	Tier 1
IBM 1.2TB 2.5" 6Gb/s 10K SAS HDD Assembly	00FN375	14A	Tier 2

Table – IBM System x GSS 24-slot JBOD (22x1.2TB SAS HDD+2x200GB SSD) System FRUs [MTM: 0796-020/HCA]

Description	FRU	Releases	Tier
NetApp DE5600 (EOEM) Chassis	00AE148	14A	FRU
NetApp DE5600 585w Power Supply w/ Fans	00W1521	14A	Tier 1
NetApp SAS ESM	00D1657	12C, 13A, 13B, 14A	Tier 1
NetApp DE5600 2U Rail Kit (Left and Right)	35P1496	14A	FRU
NetApp DE5600 Bezels (Right and Left End Caps)	00AE152	14A	Tier 1
IBM 1.2TB 2.5" 6Gb/s 10K SAS HDD Assembly	00FN375	14A	Tier 2
IBM 200GB 2.5" 6Gb/s SAS SSD Assembly	00FN367	14A	Tier 2

Table - Intel

Intel	FRU	Option	Release	HVEC	XCC	Category Level
30m Emcore Connects/Intel Connects Optical Cable [Fallback Cable]	46D0160	46D0159	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
10m Emcore Connects/Intel Connects Optical Cable	46D0157	46D0156	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08,			

Intel	FRU	Option	Release	HVEC	XCC	Category Level
			July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
3m Emcore Connects/Intel Connects Optical Cable	46D0154	46D0153	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			

Table - Juniper

Juniper	FRU	Option	Release	HVEC	XCC	Category Level
- J08E (EX8208) Switch Chassis	81Y1559	-	10B, 11A	0719-012	0719-HC4	
- EX8208 Fan Tray (12 fans)	81Y1561	-	10B, 11A	0719-012	0719-HC4	
- EX8208 Switch Fabric Module	81Y1563	-	110B, 11A	0719-012	0719-HC4	
- EX8208 Switch and Routing Engine	81Y1565	-	10B, 11A	0719-012	0719-HC4	
- EX8200 2000w Power Supply	81Y1469	-	10B, 11A	0719-012	0719-HC4	
- EX8208 Rack Mount Kit	81Y1626	-	10B, 11A	0719-012	0719-HC4	
- EX8200 Line Card Blank Panel	81Y1571	-	10B, 11A	0719-012/013	0719-HC4/H C5	
- J16E (EX8216) Switch Chassis	81Y1575	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Fan Tray	81Y1577	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Switch Fabric Module	81Y1579	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Routing Engine	81Y1581	-	10B, 11A	0719-013	0719-HC5	
- EX8200 3000w Power Supply	81Y1567	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Rack Mount Kit	81Y1628	-	10B, 11A	0719-013	0719-HC5	
- EX8200 Line Card Blank Panel	81Y1571	-	10B, 11A	0719-012/013	0719-HC4/H C5	

Juniper	FRU	Option	Release	HVEC	XCC	Category Level
IBM J48E Rack Mount for iDPx Rack	81Y1553	81Y1463	10B, 11A	-	-	
- IBM J08E Air Baffle Hardware Kit for 1410	81Y1569	81Y1632	10B, 11A	0719-012	0719-HC4	
- IBM J16E Air Baffle Hardware Kit for 1410	81Y1583	81Y1634	10B, 11A	0719-013	0719-HC5	
48-port 1GbE RJ-45 Line Card	81Y1595	-	10B, 11A, 11B	0719-014	0719-HC6	
8-port 10 GbE SFP+ line card	81Y1599	-	10B, 11A, 11B	0719-015	0719-HC7	
1m Juniper DAC SFP+ Cable	68Y6929	68Y6927	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	
3m Juniper DAC SFP+ Cable	68Y6949	68Y6947	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	
7m Juniper DAC SFP+ Cable	59Y1974	68Y6999	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	
Juniper SFP+ SR 10GbE Transceiver	68Y6925	68Y6923	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	
EX4500 1200W AC power supply (front to back airflow)		95Y0514	13A	0719-	0719-HD3	

Table - LSI

LSI	FRU	Option	Release	HVEC	XCC	Category Level
LSI SAS6160 SAS Switch (PSE)	00W0446	-	12B	0778-011	0778-HC1	
- LSI SAS6160 SAS Switch (PSE) Chassis	00W0446	-	12B	0778-011	0778-HC1	
- LSI SAS6160 Power Supply with 1.8m C5/C14 Rack Power Cable	00W0448	-	12B	0778-011	0778-HC1	
- LSI SAS6160 1U Mounting Tray Kit	00W0460	-	12B	0778-011	0778-HC1	
LSI SAS6160 SAS Switch (PSE) Chassis FRU Kit	00W0446	-	12B	0778-011	0778-HC1	
- LSI SAS6160 Power Supply with 1.8m C5/C14 Rack Power Cable FRU Kit	00W0448	-	12B	0778-011	0778-HC1	
LSI SAS9201-16e Quad-port miniSAS x8 PCIe 2.0	00Y3537	-	12C	0778-011	0778-HC1	T1

LSI	FRU	Option	Release	HVEC	XCC	Category Level
SAS HBA LSI SAS9206-16e Quad-port x4 HD-miniSAS x8 PCIe 3.0 SAS HBA	00Y3541	-	12C	0778-011	0778-HC1	T1

Table - Maysteel

Maysteel	FRU	Option	Release	HVEC	XCC	Category Level
Cisco 6509-E Air Baffle	40M3317	42D1465	6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-035	4670-HCK	
1U Universal Rack Mount Kit	42C8313	42C8310	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0448-011/012	0448-HC3/H C4	

Table - Mellanox

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
- Mellanox 450w Power Supply (Intake)	81Y1475	81Y1521	10A, 10B, 11A, 11B	0724-010/019	0724-HC3/HCC	T1
- Mellanox IS5030 for 1410 Switch Chassis	81Y1473	-	10A, 10B, 11A	0724-010	0724-HC3	T1
- MIS50xx Fan Module (Intake)	81Y1477	-	10A, 10B, 11A	0724-010/019	0724-HC3/HCC	
- 1410 Rack Mount Kit for 1U switches	81Y1479	-	10A, 10B, 11A	0724-010/019	0724-HC3/HCC	T1
- Mellanox 450w Power Supply (Exhaust)	81Y1485	81Y1523	10A, 10B, 11A, 11B	0724-011	0724-HC4	
- Mellanox IS5030 for iDPx Switch Chassis	81Y1483	-	10A, 10B, 11A	0724-011	0724-HC4	
- IS50xx Fan Module (Exhaust)	81Y1487	-	10A, 10B, 11A	0724-011	0724-HC4	
- iDPx Rack Mount Kit for 1U switches	81Y1489	-	10A, 10B, 11A	0724-011	0724-HC4	
- Mellanox IS5100 for 1410 Switch Chassis	81Y8052	-	10A, 10B, 11A	0724-014	0724-HC7	
- Mellanox IS5100 1410 Rack Mount Kit	81Y8054	-	10B, 11A	0724-014	0724-HC7	
- Mellanox IS5100 Cable Management Kit	81Y8073	-	10B, 11A	0724-014	0724-HC7	
- Mellanox IS5200 for 1410 Switch Chassis	81Y1493	-	10A, 10B, 11A	0724-012	0724-HC5	
- Mellanox IS5xxx Spine Module	81Y1495	-	10A, 10B, 11A	0724-012/013/014/015	0724-HC5/H C6/H C7/H C8	
- Mellanox IS5100 Spine-side Leaf Fan Unit	81Y1501	-	10A, 10B, 11A, 12B	0724-012/014/024	0724-HC5 /HC7/ HCH	
- Mellanox IS5xxx 1000w Power Supply	81Y1503	-	10A, 10B, 11A, 11B	0724-012/013/014/015, 018	0724-HC5/H C6/H C7/H C8 /HCB	T1
- Mellanox IS5xxx Management Module Blank	81Y1505	-	10A, 10B, 11A, 11B, 12B	0724-012/013/014/015/018/024/025	0724-HC5/H C6/H C7/H C8 /HCB/ HCH/ HCJ	T1
- Mellanox IS5xxx Leaf	81Y1505	-	10A, 10B,	0724-	0724-	T1

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
Module Blank			11A, 11B,12B	012/013/ 014/015/ 018/024/ 025	HC5/H C6/HC 7/HC8 /HCB/ HCH/ HCJ	
- Mellanox IS5200 1410 Rack Mount Kit	81Y1509	-	10A, 10B, 11A, 11B,12B	0724- 012/024	0724- HC5/H CH	
- Mellanox Cable Management Kit 1	81Y1613	-	10A, 10B, 11A, 11B,12B	0724- 012/024	0724- HC5/H CH	
- Mellanox IS5300 for 1410 Switch Chassis	81Y8057	-	10B, 11A, 11B	0724- 015	0724- HC8	
- Mellanox IS5300 1410 Rack Mount Kit	81Y8059	-	10B, 11A, 11B	0724- 015	0724- HC8	
- Mellanox IS5300 Cable Management Kit	81Y8075	-	10B, 11A, 11B	0724- 015	0724- HC8	
- Mellanox IS5xxx PPC460EX Management Module	81Y1497	81Y1525	10A, 10B, 11A, 11B	0724- 012/013/ 014/015	0724- HC5/H C6/HC 7/HC8	
- Mellanox MIS5X00 Spine Fan Unit	81Y1499	-	10A, 10B, 11A	0724- 012/013/ 014/015	0724- HC5/H C6/HC 7/HC8	
- Mellanox IS5600 Leaf-side Leaf Fan Unit	81Y1515	-	10A, 10B, 11A, 11B,12B	0724- 013/015, 018/025	0724- HC6/H C8, HCB/ HCJ	T1
- Mellanox IS5600 Spine-side Leaf Fan Unit	81Y1517	-	10A, 10B, 11A, 11B,12B	0724- 013/015, 018/025	0724- HC6/H C8,HC B/HCJ	T1
- Mellanox Cable Management Kit 2	81Y1615	-	10A, 10B, 11A, 11B,12B	0724- 013/018/ 025	0724- HC6/H CB/H CJ	T1
Mellanox 450w Power Supply (Intake)	81Y1475	81Y1521	10A, 10B, 11A, 11B	0724- 010	0724- HC3	T1
Mellanox 450w Power Supply (Exhaust)	81Y1485	81Y1523	10A, 10B, 11A, 11B	0724- 011	0724- HC4	
Mellanox IS5xxx 18-port QSFP QDR IB Leaf Module	81Y1529	81Y1527	10A, 10B, 11A, 11B	0724- HC5/HC 6/HC7/H C8	0724- 012/0 13/01 4/015	
Mellanox ConnectX-2 VPI Single-port QSFP QDR IB/10GbE PCI-E 2.0 HCA	81Y1533	81Y1531	10A, 10B, 11A			
Mellanox ConnectX-2 VPI Dual-port QSFP QDR	81Y1537	81Y1535	10A, 10B, 11A			

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
IB/10GbE PCI-E 2.0 HCA						
Mellanox ConnectX-2 VPI Dual-port QSFP QDR IB/10GbE PCI-E 2.0 HCA	81Y1537	81Y1535	10A, 10B, 11A			
Mellanox ConnectX-2 EN Dual-port SFP+ 10GbE PCI-E 2.0 Adapter	81Y1541	81Y1539	10A, 10B			
- Mellanox SX6036 QDR/FDR10 Switch Chassis (PSE)	90Y3768	-	11B	0724-016	0724-HC9	T1
- - Mellanox MSX60xx/MSX10xx 300w Power Supply with Intake Fan	90Y3770	90Y3800	11B,12B	0724-016/022/026	0724-HC9/H CF/H CK	T1
- - Mellanox MSX60xx/MSX10xx Intake Fan Tray	90Y3772	-	11B,12B	0724-016/022/026	0724-HC9/H CF/H CK	T1
- Mellanox MSX60xx/MSX10xx Enterprise Rack Mount Kit	90Y3774	-	11B,12B	0724-016/022/026	0724-HC9/H CF/H CK	T1
- Mellanox SX6036 QDR/FDR10 Switch Chassis (oPSE)	90Y3778	-	11B	0724-017	0724-HCA	T1
- - Mellanox MSX60xx/MSX10xx 300w Power Supply with Exhaust Fan	90Y3780	90Y3802	11B,12B	0724-017/023/027	0724-HCA/HCG/HCL	T1
- - Mellanox MSX60xx/MSX10xx Exhaust Fan Tray	90Y3782	-	11B,12B	0724-017/023/027	0724-HCA/HCG/HCL	T1
- Mellanox MSX60xx/MSX10xx iDPx Rack Mount Kit	90Y3784	-	11B,12B	0724-017/023/027	0724-HCA/HCG/HCL	T1
- Mellanox SX6536 QDR/FDR10 Switch Chassis	90Y3788		11B	0724-018	0724-HCB	FRU
- Mellanox IS5600 1410 Rack Mount Kit	81Y1519	-	11B,12B	0724-018/025	0724-HCB/H CJ	FRU 2
- Mellanox BridgeX BX5020 Gateway (PSE) Chassis	90Y3798	-	11B	0724-019	0724-HCC	FRU
Mellanox MSX60xx/MSX10xx 300w	90Y3770	90Y3800	11B	0724-16	0724-HC9	T1

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
Power Supply with Intake Fan						
Mellanox MSX60xx/MSX10xx 300w Power Supply with Exhaust Fan	90Y3780	90Y3802	11B	0724-17	0724-HCA	T1
Mellanox SX65xx PPC460-based Management Module	90Y3792	90Y3804	11B, 12C	0724-18	0724-HCB/HCP	T1
- Mellanox SX65xx QDR/FDR10 Spine Module	90Y3790	-	11B	0724-020	0724-HCD	T1
- - Mellanox SX65XX Spine Fan Unit	90Y3794	-	11B,12B	0724-020/029	0724-HCD/HCN	T1
- Mellanox SX65xx 18-port QSFP QDR/FDR10 InfiniBand Leaf Module	90Y3808	-	11B	0724-021	0724-HCE	T1
Mellanox ConnectX-3 VPI Single-port QSFP QDR/FDR10/10GbE HCA	95Y3453	95Y3451	11B, 12A	-	-	T1
Mellanox ConnectX-3 VPI Dual-port QSFP QDR/FDR10/10GbE HCA	95Y3457	95Y3455	11B, 12A	-	-	T1
Mellanox ConnectX-3 EN Dual-port QSFP+ 40GbE Adapter	95Y3461	95Y3459	11B, 12A	-	-	T1
- Mellanox QSA Adapter (QSFP to SFP+)	90Y3844	90Y3842	11B, 12A	-	-	T1
Mellanox ConnectX Dual-Port 4X DDR IB PCI-E 2.0 x8 5.0/GT/s HCA	46M2221	44R8728	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
1m Mellanox Copper Cable for 4X IB and 10GbE	46D0164	46D0162	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
5m Mellanox Copper Cable for 4X IB and 10GbE	46D0172	46D0170	Phase.3, iDPX Ph1.5, iDPX Ph1.7,			

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
			June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
3m Mellanox Copper Cable for 4X IB and 10GbE	46D0168	46D0166	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
8m Mellanox Copper Cable for 4X IB and 10GbE	46D0176	46D0174	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
1m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3812	90Y3810	11B, 12A	-	-	T1
3m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3816	90Y3814	11B, 12A	-	-	T1
5m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3820	90Y3818	11B, 12A	-	-	T1
3m Mellanox QSFP Optical InfiniBand Cable	95Y3465	95Y3463	11B, 12A	-	-	T1
5m Mellanox QSFP Optical InfiniBand Cable	95Y3469	95Y3467	11B, 12A	-	-	T1
10m Mellanox QSFP Optical InfiniBand Cable	90Y3824	90Y3822	11B, 12A	-	-	T1
15m Mellanox QSFP Optical InfiniBand Cable	90Y3828	90Y3826	11B, 12A	-	-	T1
20m Mellanox QSFP Optical InfiniBand Cable	90Y3832	90Y3830	11B, 12A	-	-	T1
30m Mellanox QSFP Optical InfiniBand Cable	90Y3840	90Y3838	11B, 12A	-	-	T1

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
Mellanox Single-Port 4X DDR IB PCI-E x8 HCA	44R9972	44R9976	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10B, 11A			
Mellanox ConnectX Dual-Port 4X QDR IB x8 PCI-E 2.0 HCA	46M2201	46M2199	Phase.3, iDPX.Sep08, iDPX.8Ci, 9A, 9AW, 9B			
Mellanox ConnectX Single-Port 4X QDR IB x8 PCI-E 2.0 HCA	46M2205	46M2203	Phase.3, iDPX.Sep08, iDPX.8Ci, 9A, 9AW, 9B			
Mellanox ConnectX EN Dual-port 10GbE x8 PCI-E 2.0 Adapter	59Y1906	59Y1904	iDPX.Sep08, iDPX.8Ci, 9B			
- Mellanox SX6036 FDR14 Switch Chassis (PSE)	00W0005	-	12B	0724-022	0724-HCF	
- Mellanox SX6036 FDR14 Switch Chassis (oPSE)	00W0009	-	12B	0724-023	0724-HCG	
- Mellanox 216-port FDR Switch Chassis	00W0013	-	12B	0724-024	0724-HCH	
- - Mellanox SX65xx 1600w Power Supply	00W0015	-	12B	0724-024/025	0724-HCH/H CJ	
- - Mellanox 648-port FDR Switch Chassis	00W0017	-	12B	0724-025	0724-HCJ	
- Mellanox SX1036 40GbE Switch Chassis (PSE)	00W0023	-	12B	0724-026	0724-HCK	
- Mellanox SX1036 40GbE Switch Chassis (oPSE)	00W0027	-	12B	0724-027	0724-HCL	
- Mellanox SX65xx 18-port QSFP FDR14 InfiniBand Leaf Module	00W0031	-	12B, 12C	0724-028	0724-HCM/HCP	T1
- Mellanox SX65xx FDR14 Spine Module	00W0035	-	12B, 12C	0724-029	0724-HCN/HCP	T1
- Mellanox ConnectX-3 VPI Single-port QSFP FDR14/40GbE HCA	00W0039	00W0037	12B	-	-	
- Mellanox ConnectX-3 VPI Dual-port QSFP FDR14/40GbE HCA	00W0043	00W0041	12B	-	-	
- Mellanox ConnectX-3 EN Dual-port SFP+ 10GbE	00W0055	00W0053	12B	-	-	

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
Adapter						
- Mellanox 324-port FDR Switch Chassis	00Y6987	-	12C	0724-030	0724-HCP	FRU 2
- - Mellanox IS5600 Leaf-side Leaf Fan Unit	81Y1515	-	12C	0724-030	0724-HCP	T1
- - Mellanox IS5600 Spine-side Leaf Fan Unit	81Y1517	-	12C	0724-030	0724-HCP	T1
- - Mellanox SX65xx 1600w Power Supply	00W0015	-	12C	0724-030	0724-HCP	T1
- - Mellanox IS5xxx Management Module Blank	81Y1505	-	12C	0724-030	0724-HCP	T1
- - Mellanox IS5xxx Leaf Module Blank	81Y1505	-	12C	0724-030	0724-HCP	T1
- - Mellanox IS5300 1410 Rack Mount Kit	81Y8059		12C	0724-030	0724-HCP	FRU 2
- - Mellanox IS5300 Cable Management Kit	81Y8075		12C	0724-030	0724-HCP	T1

Table – Mellanox SX6036G (PSE) System FRUs (0724-031/HCQ)

Description	FRU	Releases	Tier
Mellanox SX6036G FDR14 IB/40GbE Gateway (PSE)	00AE065	14A	FRU
Mellanox MSX60xx/MSX10xx 300w Power Supply with Intake Fan	90Y3770	11B, 12A, 12B, 13A, 13B, 14A	Tier 1
Mellanox MSX60xx/MSX10xx Intake Fan Tray	90Y3772	11B, 12A, 12B, 13A, 13B, 14A	Tier 1
Mellanox MSX60xx/MSX10xx Enterprise Rack Mount Kit	90Y3774	11B, 12A, 12B, 13A, 13B, 14A	Tier 1

Table – Mellanox SX6036G (oPSE) System FRUs (0724-032/HCR)

Description	FRU	Releases	Tier
Mellanox SX6036G FDR14 IB/40GbE Gateway (oPSE)	00AE069	14A	FRU
Mellanox MSX60xx/MSX10xx 300w Power Supply with Exhaust Fan	90Y3780	11B, 12A, 12B, 13A, 13B, 14A	Tier 1
Mellanox MSX60xx/MSX10xx Exhaust Fan Tray	90Y3782	11B, 12A, 12B, 13A, 13B, 14A	Tier 1

Table - Molex

Molex	FRU	Option	Release	HVEC	XCC	Category Level
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Molex	FRU	Option	Release	HVEC	XCC	Category Level
1m Molex Direct Attach Copper SFP+ Cable	59Y1938	59Y1936	9A, 9AW, 9B, 10A, 10B, 11A, 12A			
0.5m Molex Direct Attach Copper SFP+ Cable	59Y1934	59Y1932	9A, 9AW, 9B, 10A, 10B, 11A, 12A			
3m Molex Direct Attach Copper SFP+ Cable	59Y1942	59Y1940	9A, 9AW, 9B, 10A, 10B, 11A, 12A			
7m Molex Direct Attach Copper SFP+ Cable	59Y1946	59Y1944	9A, 9AW, 9B, 10A, 10B, 11A, 12A			

Table - QLogic Switches

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
QLogic 9024FC Externally Managed 24-port DDR IB Switch Bundle	-	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Qlogic 9024-FC24-ST1-DDR Switch Chassis for 1350	46D0198	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-011	0449-HC4	
- Qlogic 9024FC 4-point Rack Mount Kit (26"-33.25")	46D0200	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-011	0449-HC4	
Qlogic 9024FC for iDPx Externally Managed 24-port DDR IB Switch Bundle	-	-	iDPX Ph1.5, iDPX Ph1.7, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Qlogic 9024-FC24-ST1-DDR-R-RAC Switch Chassis for iDPX	46D0245	-	iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-012	0449-HC5	
- Qlogic 9024FC 4-point Rack Mount Kit (14.25"-20-")	46D0247	-	iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-012	0449-HC5	
Qlogic 9024CU Managed 24-port DDR InfiniBand Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	-	-	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
- Qlogic 9024-CU24-ST2-DDR Switch Chassis for 1350	46D0186	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
- Qlogic 9024CU Fan Tray	46D0188	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
- Qlogic 9024CU Hot-swap Power Supply	46D0190	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
- Qlogic 9024CU24 Rack Mount Kit	46D0192	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
Qlogic 12200 36-port QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- Qlogic 12200 Switch Chassis for 1350	49Y8483	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-019	0449-HCC	
- Qlogic 12200 4-point Rack Mount Kit (26"-33.25")	49Y8485	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-019	0449-HCC	
Qlogic 12200 (iDPx) 36-port QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Qlogic 12200 Switch Chassis for iDPx	49Y8491	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-020	0449-HCD	
- Qlogic 12200 4-point Rack Mount Kit (14.25"-20")	49Y8493	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-020	0449-HCD	
- Qlogic 12200 (1410) for 1410 Redundant Power Switch Chassis	68Y6989	-	10A, 10B, 11A	0449-028	0449-HCM	
- QLogic 12200 (iDPx) Redundant Power Switch Chassis	68Y6993	-	10A, 10B, 11A	0449-029	0449-HCN	
QLogic 12200 Management Module	68Y6997	68Y6995	10A, 10B, 11A, 11B	0449-019 /020 /028 /029	0449-HCC /HCD / HCM / HCN	
QLogic 9080 96-port DDR InfiniBand Switch Bundle	-	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, 8D-I, 9A, 9AW, 9B	-	-	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
- QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 / 014 /015	0449-HC6 / HC7/H C8	
- QLogic 9080/9120 Rack Mount Kit	46D0210	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014	0449-HC6 /HC7	
- QLogic Fabric Director Leaf Module Blank Panel	46D0218	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 /HC7 /HC8	
- QLogic 9080 Switch Chassis for 1350	46D0204	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, 8D-I, 9A, 9AW, 9B	0449-013	0449-HC6	
- QLogic Fan Tray for Fabric Director Switches	46D0206	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Power Supply Blank Panel	46D0214	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Spine Module Blank Panel	46D0216	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-017	0449-HCA	
QLogic 9120 144-port DDR InfiniBand Switch Bundle	-	-	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- QLogic 9080/9120 Rack Mount Kit	46D0210	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 / 014	0449-HC6 / HC7	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
- QLogic Fabric Director Power Supply Blank Panel	46D0214	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9120 Switch Chassis for 1350	46D0223	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-014	0449-HC7	
- QLogic Fan Tray for Fabric Director Switches	46D0206	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Spine Module Blank Panel	46D0216	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Leaf Module Blank Panel	46D0218	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-017	0449-HCA	
QLogic 9240 288-port DDR InfiniBand Switch Bundle	-	-	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- QLogic Fan Tray for Fabric Director Switches	46D0206	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9240 Rack Mount Kit	46D0249	-	Phase.3, July.08,	0449-015	0449-HC8	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- QLogic Fabric Director Power Supply Blank Panel	46D0214	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Spine Module Blank Panel	46D0216	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Leaf Module Blank Panel	46D0218	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9240 Base Chassis	46D0228	-	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-015	0449-HC8	
- QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-017	0449-HCA	
QLogic 12300 36-port QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- QLogic 12300 Switch Chassis for 1350	49Y8497	-	9A, 9AW, 9B	0449-021	0449-HCE	
- QLogic 12300 4-point Rack Mount Kit (26"-33.25")	49Y8545	-	9A, 9AW, 9B	0449-021	0449-HCE	
- QLogic 12300 Power Supply & Fan Tray	49Y8499	-	9A, 9AW, 9B	0449-021	0449-HCE	
QLogic 12800-180 QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B	-	-	
- QLogic 12800 Intake Fan Module	49Y8509	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Power Supply	49Y8513	49Y8504	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800-180 Rack Mount Kit	49Y8503	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022	0449-HCF	
- QLogic 12800	49Y8507	49Y8543	Phase.3, 9A,	0449-	0449-	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
Management Module			9AW, 9B, 10A, 10B, 11A, 11B	022/ 023	HCF / HCG	
QLogic 12800-360 QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- QLogic 12800 Exhaust Fan Module	49Y8511	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Management Module Filler Panel	49Y8517	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Power Supply Filler Panel	49Y8519	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Spine Module Filler Panel	49Y8521	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Leaf Module Filler Panel	49Y8523	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800-360 Switch Chassis for 1350	49Y8529	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-023	0449-HCG	
3m QLogic Optical QDR InfiniBand QSFP Cable	59Y1922	59Y1920	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
30m QLogic Optical QDR InfiniBand QSFP Cable	59Y1930	59Y1928	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
0.5m QLogic Copper DDR InfiniBand QSFP-to-CX4 30AWG Cable	59Y1878	59Y1876	Phase.3, 9A, 9AW, 9B	0449-019/020/ 021/022/ 023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
1m QLogic Copper DDR InfiniBand QSFP-to-CX4 30AWG Cable	59Y1882	59Y1880	Phase.3, 9A, 9AW, 9B	0449-019/020/ 021/022/ 023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
3m QLogic Copper DDR InfiniBand QSFP-to-CX4	59Y1886	59Y1884	Phase.3, 9A, 9AW, 9B	0449-019/020/	0449-HCC/	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
28AWG Cable				021/022/ 023	HCD/ HCE/ HCF/ HCG	
0.5m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1894	59Y1892	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
1m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1898	59Y1896	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
3m QLogic Copper QDR InfiniBand QSFP 28AWG Cable	59Y1902	59Y1900	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
QLogic 9XXX DDR Spine Module - Unmanaged	46D0233	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-016	0449-HC9	
QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-017	0449-HCA	
QLogic 9XXX 12-port 4X DDR InfiniBand Switch Leaf Module	46D0239	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-018	0449-HCB	
10m QLogic Optical QDR InfiniBand QSFP Cable	59Y1926	59Y1924	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
					HCN	
QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-013 / 014 / 015	0449-HC6 / HC7 / HC8	
3m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable	59Y1910	59Y1908	Phase.3, 9A, 9AW, 9B	0449-019/020/021/022/023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
30m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable	59Y1918	59Y1916	Phase.3, 9A, 9AW, 9B	0449-019/020/021/022/023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
QLogic 12800 QDR Single Spine Module	49Y8537	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-024	0449-HCH	
10m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable	59Y1914	59Y1912	Phase.3, 9A, 9AW, 9B	0449-019/020/021/022/023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
QLogic 12800 QDR Double Spine Module	49Y8541	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-025	0449-HCJ	
QLogic 12800 24-port 4X QDR Ultra-HD InfiniBand Leaf Module	49Y8549	-	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-026	0449-HCK	
QLogic 12800 18-port 4X QDR Ultra-HP InfiniBand Leaf Module	49Y8553	-	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-027	0449-HCL	
10m QLogic Optical QDR InfiniBand QSFP Cable [Fallback Cable]	59Y1926	59Y1924	9A, 9AW, 9B, 10B, 11A, 11B	0449-019/020/021/022/023/028/029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
10m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable [Fallback Cable]	59Y1914	59Y1912	Phase.3, 9A, 9AW, 9B	0449-019/020/021/022/023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
30m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable [Fallback Cable]	59Y1918	59Y1916	Phase.3, 9A, 9AW, 9B	0449-019/020/021/022/023	0449-HCC/ HCD/ HCE/	

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
					HCF/ HCG	
QLogic QLE7340 single-port 4X QDR IB x8 PCI-E 2.0 HCA	59Y1890	59Y1888	iDPX.Sep08, 8C, iDPX.8Ci, 9B, 10A, 10B, 11A, 12A			
30m QLogic Optical QDR InfiniBand QSFP Cable [Fallback Cable]	59Y1930	59Y1928	9A, 9AW, 9B, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	

Table - LG-Ericsson (SMC) Switches

SMC Switches	FRU	Option	Release	HVEC	XCC	Category Level
SMC 8848M Ethernet Switch Bundle	-	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- SMC 8848M Ethernet Switch	40K9156	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07,	4668-015	4668-HC3	

SMC Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- 30cm Stacking Cable	40K9158	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4668- 015/022	4668- HC3/H CB	T1
- SMC 8848M/8708L2 1U Rail Kit	40K9160	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08,	4668- 015	4668- HC3	

SMC Switches	FRU	Option	Release	HVEC	XCC	Category Level
			July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
SMC 8126L2 26-port GbE Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B	-	-	
- SMC 8126L2 Switch Chassis	46M2177	-	9A, 9AW, 9B, 10A, 10B, 11A	4668-017	4668-HC6	
- SMC 8150L2 Switch Chassis	46M2187	-	10A, 10B, 11A	4668-018	4668-HC7	
- SMC 8848M Ethernet Switch	46M1347	-	9B, 10A, 10B	4668-015	4668-HC3	
SMC 8708L2 8-port 10Gb Ethernet Switch	-	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- 1.52m DC Backup Power Cord	49Y8560	-	10A, 10B, 11A	4668-019	4668-HC8	
- SMC RPU14 Redundant Power Unit Chassis	49Y8558	-	10A, 10B, 11A	4668-019	4668-HC8	
SMC Rack Mount Kits for iDataPlex	46C5047	46C5045	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			

SMC Switches	FRU	Option	Release	HVEC	XCC	Category Level
SMC Rack Mount Kit 5 (1410 Rack)	46M2179	46M2189	9A, 9AW, 9B, 10A, 10B, 11A, 11B			
SMC Rack Mount Kit 6 (iDPx Rack)	46M2183	46M2181	9A, 9AW, 9B, 10A, 10B, 11A, 11B			
SMC Rack Mount Kit 7 (1410 Rack)	49Y8564	49Y8562	10A, 10B, 11A, 11B			
SMC Rack Mount Kit 8 (iDPx Rack)	49Y8568	49Y8566	10A, 10B, 11A, 11B			
SMC 10Gb XENPAK Module Kit	40K9162	40K9165	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
LG-Ericsson ES-5048XG Switch (PSE) Chassis	81Y8119	-	11A, 11B	4668-020	4668-HC9	T1
LG-Ericsson 350w Power Supply with Intake Fan	81Y8121	81Y8137	11A, 11B	4668-020	4668-HC9	T1
LG-Ericsson Intake Fan Module	81Y8123	-	11A, 11B	4668-020	4668-HC9	T1
LG-Ericsson ES-4550G Switch Chassis	81Y8135	-	11A, 11B	4668-022	4668-HCB	T1
LG-Ericsson Rack Mount Kit 3	40K9160	81Y8141	11A, 11B	4668-022	4668-HCB	T1
LG-Ericsson Rack Mount Kit 9	81Y8145	81Y8143	11A, 11B	4668-022	4668-HCB	T1
- LG-E ES-4052G Switch 1GbE Switch (PSE) Chassis	00W0095	-	12B	4668-023	4668-HCA	
- - LG-E 215w ES-4K	00W0097	46C9538	12B	4668-	4668-	

SMC Switches	FRU	Option	Release	HVEC	XCC	Category Level
Intake Power Supply				023	HCA	
- - LG-Ericsson ES-4K Intake Fan Module	00W0099	-	12B	4668-023	4668-HCA	
- LG-Ericsson KIT-40-1410 Rack Mount Kit	46C9526	-	12B	4668-023	4668-HCA	
- LG-E ES-4052G Switch 1GbE Switch (oPSE) Chassis	46C9530	-	12B	4668-024	4668-HCC	
- - LG-E 215w ES-4K Exhaust Power Supply	46C9532	90Y7738	12B	4668-024	4668-HCC	
- - LG-Ericsson ES-4K Exhaust Fan Module	46C9534	-	12B	4668-024	4668-HCC	
- LG-Ericsson KIT-40-IDPX Rack Mount	46C9536	-	12B	4668-024	4668-HCC	

Table - Tyco Patch Panel

Tyco Patch Panel	FRU	Option	Release	HVEC	XCC	Category Level
Tyco 48-port 1Gb Ethernet Angled Patch Panel	44E9041	-	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	0564-010	0564-HC3	
3m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9045	44E9046	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
10m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9049	44E9051	July.07, Phase.3, August.07, Sept.07,			

Tyco Patch Panel	FRU	Option	Release	HVEC	XCC	Category Level
			Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
30m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9065	44E9066	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			

Table - Voltaire Switches

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
Voltaire 2012 InfiniBand Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Voltaire sPSU Power Supply	40K5703	40K9077	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08,	4669-023/024	4669-HCD/HCE	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
			iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- Voltaire sMB-HM Hi-Memory Management Board	40K9041	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, Feb.08, March.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4669-023/024/028	4669-HCD/HCE/HCJ	
- Voltaire 2012 InfiniBand Switch Chassis	46C5027	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-024	4669-HCE	
Voltaire 2004 InfiniBand Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-023	4669-HCD	
- Voltaire 2004 InfiniBand Switch Chassis	46C5019	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-023	4669-HCD	
- Voltaire sFU-8 Horizontal Fan Unit	40K5696	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07,	4669-023/024	4669-HCD/HCE	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B			
- Voltaire sCGR-96 Cable Guide Bracket Kit	40K9037	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4669-023	4669-HCD	
- Voltaire sFU-2004 Vertical Fan Unit	46C5023	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-023	4669-HCD	
- Voltaire sFB-2004 Switch Fabric Board Blank Panel	46C5021	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-023	4669-HCD	
Voltaire 2036 36-port Managed DDR IB Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- Voltaire 2036 36-port Managed DDR IB Switch Chassis	46M2209	-	9A, 9AW, 9B	4669-030	4669-HCL	
- Voltaire 350w Power Supply	46M2211	49Y0476	9AW, 9B, 9B, 10A, 10B, 11A, 11B	4669-032/033/042/043/044/045	4669H CN/H CP/H CY/H CZ/H D1/HD	T1

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
					2	
- Voltaire Fan (Air In)	46M2213	-	9A, 9AW, 9B, 10A, 10B, 11A	4669-032/042/044	4669-HCN/HCY/HD1	T1
- Voltaire 2036 / 4036 Rack Kit for 1410 Racks	46M2215	-	9A, 9AW, 9B, 10A, 10B, 11A	4669-032/042/044	4669-HCN/HCY/HD1	T1
Voltaire 2036 (iDPx) 36-port Managed DDR IB Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- Voltaire 2036 (iDPx) 36-port Managed DDR IB Switch Chassis	46M2219	-	9A, 9AW, 9B	4669-031	4669-HCM	
- Voltaire Fan (Air Out)	46M2223		9A, 9AW, 9B, 10A, 10B, 11A	4669-031/033/043/045	4669-HCM/HCP/H CZ/HD2	T1
- Voltaire 2036 / 4036 Rack Kit for iDPx Racks	46M2225	-	9A, 9AW, 9B, 10A, 10B	4669-031/033	4669-HCM/HCP	
Voltaire 4036 for 1410 36-port Managed QDR IB Switch Bundle	-	-	9B, 10A, 10B, 11A, 11B	-	-	
- Voltaire 4036 for 1410 36-port Managed QDR IB Switch Chassis	49Y0440	-	9B, 10A, 10B, 11A, 11B	4669-032	4669-HCN	
- Voltaire 4036 for iDPx 36-port Managed QDR IB Switch Chassis	49Y0444	-	9B, 10A, 10B, 11A, 11B	4669-033	4669-HCP	
- Voltaire 4200 for 1410 Switch Chassis	81Y8062	-	10B, 11A	4669-041	4669-HCX	
- - Voltaire sFU-42H Horizontal Fan Unit	81Y8064	-	10B, 11A	4669-041	4669-HCX	
- - Voltaire sFU-42V Vertical Fan Unit	81Y8066	-	10B, 11A	4669-041	4669-HCX	
- - Voltaire 1400w sPSU-S Power Supply	49Y0454	49Y0478	10B, 11A, 11B	4669-034/037/041	4669-HCQ/HCT/HCX	
- Voltaire SMB-CM Management Board Blank Panel	49Y0460	-	10B, 11A, 11B	4669-034/041	4669-HCQ/HCX	
- Voltaire sFB-4200 Switch Fabric Board Blank Panel	81Y8068	-	10B, 11A, 11B	4669-041	4669-HCX	
- Voltaire sLB-4018 Line	49Y0464	-	10B, 11A, 11B	4669-	4669-	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
Card Blank Panel				034/041	HCQ /HCX	
- Voltaire 4700 Rack Mount Rail Kit	69Y0363	-	10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	
- Cable Management Guide Kit	81Y1637	-	10B, 11A, 11B	4669-041	4669-HCX	
Voltaire sFB-4200 Vertical Fabric Board	81Y8071	81Y8069	10B, 11A, 11B			
Voltaire 4700 for 1410 Switch Bundle	-	-	9B, 10A, 10B, 11A, 11B	-	-	
- Voltaire sFU-40H Horizontal Fan Unit	49Y0450	-	9B, 10A, 10B, 11A	4669-034	4669-HCQ	
- Voltaire sFU-40V Vertical Fan Unit	49Y0452	-	9B, 10A, 10B, 11A	4669-034	4669-HCQ	
- Voltaire SMB-CM Management Board Blank Panel	49Y0460	-	9B, 10A, 10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	
- Voltaire sFB-4700 Switch Fabric Board Blank Panel	49Y0462	-	9B, 10A, 10B, 11A, 11B	4669-034	4669-HCQ	
- Voltaire sPSU Power Supply Blank Panel	40K5717	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-041	4669-HCX	
- Voltaire 4700 for 1410 Switch Chassis	49Y0448		9B, 10A, 10B, 11A, 11B	4669-034	4669-HCQ	
- Voltaire 1400w sPSU-S Power Supply	49Y0454	49Y0478	9B, 10A, 10B, 11A, 11B	4669-034/037/041	4669-HCQ/ HCT/ HCX	
- Voltaire SMB-CM Management Board	49Y0456	49Y0474	9B, 10A, 10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
- Voltaire sLB-4018 Line Card Blank Panel	49Y0464	-	9B, 10A, 10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	
- Voltaire 4700 Rack Mount Rail Kit	69Y0363	-	9B, 10A, 10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	
Voltaire 8500 for 1410 Switch Bundle	-	-	9B, 10A, 10B, 11A, 11B	-	-	
- Voltaire sCNTRL Rear Panel Control	40K5705	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-037	4669-HCT	
- Voltaire sRK Rail Kit	40K5707	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4669-023/024/037	4669H CD/H CE/H CT	
- Voltaire sMB-HM Hi-Memory Management	40K5713	-	6A, 6B, Jan.07,	4669-037	4669-HCT	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
Board Blank Panel			Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A			
- Voltaire sLB Line Card Blank Panel	40K5715	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669- 037	4669- HCT	
- Voltaire sFU-4 Vertical Fan Unit	40K5697	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07,	4669- 037	4669- HCT	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
			Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A			
- Voltaire sCGR-288 Cable Guide Bracket Kit	40K5709	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-037	4669-HCT	
- Voltaire sFB-2012 Switch Fabric Board Blank Panel	40K5711	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-037	4669-HCT	
- Voltaire 1400w sPSU-S Power Supply	49Y0454	49Y0478	9B, 10A, 10B, 11A, 11B	4669-034/037/041	4669-HCQ/HCT/HCX	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
- Voltaire 8500 for 1410 Switch Chassis	68Y6903	-	9B, 10A, 10B, 11A, 11B	4669-037	4669-HCT	
- Voltaire sFU-8E Horizontal Fan Unit	68Y6905	-	9B, 10A, 10B, 11A	4669-037	4669-HCT	
- Voltaire sMB-E Management Module	68Y6907	-	9B, 10A, 10B, 11A, 11B	4669-040	4669-HCW	
Voltaire sMB-HM Hi-Memory Management Board Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
Voltaire sFB-2004 Switch Fabric Board	46C5031	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-025	4669-HCF	
Voltaire sFB-2012 Switch Fabric Board	46C5035	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-026	4669-HCG	
Voltaire sLB-2024 24-port 4X DDR InfiniBand Line Card	46C5039	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-027	4669-HCH	
Voltaire sRB-20210G 10GbE/DDR InfiniBand Line Board	46M1823	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-029	4669-HCK	
Voltaire sLB-4018 18-port QDR IB Line Board	49Y0468	-	9B, 10A, 10B, 11A, 11B	4669-035	4669-HCR	
Voltaire sFB-4700 Switch Fabric Board	49Y0472	49Y0470	9B, 10A, 10B, 11A, 11B			
4m Voltaire Copper 12X CXP-to-3 QSFP Breakout Cable	68Y6973	68Y6971	9B, 10A, 10B			
10m Voltaire Optical 12X CXP-to-3 QSFP Breakout Cable	68Y6981	68Y6979	9B, 10A, 10B			
Voltaire sFB-4700-X2	49Y0482	-	9B, 10A, 10B,	4669-	4669-	

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
Hyperscale Fabric Board			11A, 11B	036	HCS	
Voltaire Hyperscale Cable Management Kit	49Y0486	49Y0484	9B, 10A, 10B, 11A, 11B			
1.2m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6933	68Y6931	9B, 10A, 10B			
4m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6945	68Y6943	9B, 10A, 10B			
10m Voltaire Optical 12X CXP-to-12X CXP Cable	68Y6957	68Y6955	9B, 10A, 10B			
Voltaire sLB-1024 24-Port 10GbE Line Board	68Y6913	68Y6955	9B, 10A, 10B			
Voltaire sFB-8500 Fabric Board	68Y6917	-	9B, 10A, 10B, 11A, 11B	4669-039	4669-HCV	
Voltaire 2036 / 4036 Rack Kit 2 for iDPx Racks	90Y3736	-	11A	4669-033/043/045	4669-HCP/H CZ/HD2	T1
Voltaire 4036E Switch (PSE) Chassis	81Y8103	-	11A, 11B	4669-042	4669-HCY	T1
Voltaire 4036E Switch (oPSE) Chassis	81Y8107	-	11A, 11B	4669-043	4669-HCZ	
Voltaire 4036E-LM Switch (PSE) Chassis	81Y8111	-	11A, 11B	4669-044	4669-HD1	T1
Voltaire 4036E Switch-LM (oPSE) Chassis	81Y8115	-	11A, 11B	4669-045	4669-HD2	T1