IBM Ethernet Networking Solutions
Powered by Intel® Ethernet Technology

IBM | **intel**

	Blade Adapters	Rack Adapters						
								Coming Soon
Part Number	BladeCenter: 42C1811	System x: 49Y4231	System x: 49Y4241	System x: 42C1750	System x: 49Y7961	System x: 49Y7971	System x: 49Y7981	System x: 49Y7991
Description	Intel® 10Gb 2-port Ethernet Expansion Card (CFFh)	Intel® Ethernet Server Adapter I340-T2	Intel® Ethernet Server Adapter I340-T4	Intel® PRO/1000 PF Server Adapter	Intel® Ethernet Converged Network Adapter X520-DA2	Intel® Ethernet Converged Network Adapter X540-T2	Intel® Ethernet 10G SFP+ DP Embedded CNA X520-2	TBD
Availability	Shipping	Shipping	Shipping	Shipping	Shipping	Shipping	Q4'12	Q1'13
Speed	10GbE	1GbE	1GbE	1GbE	10GbE	10GbE	10GbE	10GbE
Ports & Media	Dual Port KR	Dual Port 1000BASE-T	Quad Port 1000BASE-T	Single Port 1000BASE-SX	Dual Port 10GbE SFP+	Dual Port 10GBASE-T	Dual Port 10GbE SFP+	Dual Port 10GBASE-T
Form Factor	Mezzanine Card	Standard Server Adapter	Standard Server Adapter	Standard Server Adapter	Standard Server Adapter	Standard Server Adapter	Embedded Card	Embedded Card
Technology		PCIe 2.0 (5.0GT/s) VMDq support[2] 8 queues/port IPV4/IPV6	PCIe 2.0 (5.0GT/s) VMDq support[2] 8 queues/port Non-bridged quad port IPV4/IPV6	PCIe 1.0 (2.5GT/s) IPV4/IPV6	Advanced I/O Virtualization Acceleration VMDq support[2] 64 queues/port PCI-SIG SR-IOV capable[1] Integrated I/O with DDIO optimization[3] IPV4/IPV6	Industry-first integrated 10GBASE-T controller Advanced I/O Virtualization Acceleration VMDq support[2] 64 queues/port PCI-SIG SR-IOV capable[1] Integrated I/O with DDIO optimization[3] IPV4/IPV6	Advanced I/O Virtualization Acceleration VMDq support[2] 64 queues/port PCI-SIG SR-IOV capable[1] IPV4/IPV6	Industry-first integrated 10GBASE-T controller Advanced I/O Virtualization Acceleration VMDq support[2] 64 queues/port PCI-SIG SR-IOV capable[1] Integrated I/O with DDIO optimization[3] IPV4/IPV6
Controller	Intel® 82599 10 Gigabit Ethernet Controller	Intel® Ethernet Controller I340	Intel® Ethernet Controller I340	Intel® Ethernet Controller I340	Intel® 82599 10 Gigabit Ethernet Controller	Intel® Ethernet Controller X540	Intel® 82599 10 Gigabit Ethernet Controller	Intel® Ethernet Controller X540
MSRP	$549	$209	$529	$439	$599	$699	tbd	tbd

For more information, visit www.IntelEthernet-IBM.com

1. Inter® VT-c: Intel® Virtualization Technology for Connectivity includes VMDq and SR-IOV
2. VMDq: Virtual Machine Device Queues
3. Data Direct I/O is part of Intel® Integrated I/O, improving system bandwidth, power usage and latency.

IBM Ethernet Networking Solutions Powered by Intel® Ethernet Technology

Part Number	Blade Adapters BladeCenter: 42C1811	Rack Adapters System x: 49Y4231	System x: 49Y4241	System x: 42C1750	System x: 49Y7961	System x: 49Y7971	System x: 49Y7981	System x: 49Y7991 (Coming Soon)
HS21	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HS22 / V	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HS23 / E	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HX5	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3250	N/A	✓	✓	✓	✓	✓	N/A	N/A
3550	N/A	✓	✓	✓	✓	✓	✓	✓
3630	N/A	✓	✓	✓	✓	✓	N/A	N/A
3650	N/A	✓	✓	✓	✓	✓	✓	✓
3690	N/A	✓	✓	✓	✓	✓	N/A	N/A
3750	N/A	✓	✓	✓	✓	✓	N/A	N/A
3850	N/A	✓	✓	✓	✓	✓	N/A	N/A
3950	N/A	✓	✓	✓	✓	✓	N/A	N/A
dx360	N/A	✓	✓	✓	✓	✓	✓	✓
3100	N/A	✓	✓	✓	✓	✓	N/A	N/A
3200	N/A	✓	✓	✓	✓	✓	N/A	N/A
3300	N/A	✓	✓	✓	✓	✓	N/A	N/A
3400	N/A	✓	✓	✓	✓	✓	N/A	N/A
3500	N/A	✓	✓	✓	✓	✓	N/A	N/A
3800	N/A	✓	✓	✓	✓	✓	N/A	N/A
3950	N/A	✓	✓	✓	✓	✓	N/A	N/A

For more information, visit www.IntelEthernet-IBM.com