



IBM CloudBurst v2.1 Site Requirements Document (SRD) on System x

To ensure a successful installation of IBM CloudBurst on System x, this document outlines key information for the Site Facilities team. **Note:** It's critical for the Facilities Coordinator at the customer site to review this information in advance to ensure that the site is enabled prior to delivery of the IBM solution.

The following table summarizes the physical characteristics of the equipment based on the size of the configuration (Small, Medium, Large and Ex-Large), including hardware power and cooling requirements.

	Small	Medium	Large	Ex-Large
# of Blades	4 Blades	5 - 14 Blades	15 - 28 Blades	29 - 56 Blades
Current (@200V)	44.6359 A	52.43 A	101 A	198 A
# of Racks	1	1	1	2
Max Power Load	10901 W	12401 W	24051 W	47311 W
Power and Number of PDUs, Customer provided receptacles	(2) PDUs (2) power receptacles meeting appropriate country standards (i.e., For US, 60 AMP Single Phase power receptacles -- IEC 309 2P+G)	(4) PDUs (4) power receptacles meeting appropriate country standards (i.e., For US, 60 AMP Single Phase power receptacles -- IEC 309 2P+G)	(6) PDUs (6) power receptacles meeting appropriate country standards (i.e., For US, 60 AMP Single Phase power receptacles -- IEC 309 2P+G)	(12) PDUs (12) power receptacles meeting appropriate country standards (i.e., For US, 60 AMP Single Phase power receptacles -- IEC 309 2P+G)
Total BTU	37228 btu/hr	42346 btu/hr	82170 btu/hr	161598 btu/hr
Max. Customer Cable Connections	(2) 1G Ethernet, (4) 10G Ethernet fiber, (4) 8G FC	(2) 1G Ethernet, (6) 10G Ethernet fiber, (4) 8G FC	(2) 1G Ethernet, (12) 10G Ethernet fiber, (4) 8G FC	(2) 1G Ethernet, (24) 10G Ethernet fiber, (4) 8G FC
Total Weight	546 kg / 1,203.7 lbs	633 kg / 1,395.5 lbs	907 kg	1784 kg
Rack Dimensions (HxWxD)	2020 x 648 x 1105 mm (79.5 x 25.5 x 43.5 in)			
Palletized Dimensions (HxWxD)	2210 x 818 x 1295 mm (87.0 x 32.2 x 51.0 in)			
Pallet Weight	950kg. (Max)			

Notes:

- Loading docks, doorways, passageways and elevators should be of sufficient capacity to allow receipt and delivery of the rack to the final location of installation.
- All cables will exit the bottom of the rack.

If there are concerns associated with these requirements, please contact your IBM Sales Team... thank you!

Figure 1 illustrates the layout of the components included in the IBM CloudBurst on System x rack (Large configuration shown). The layout of the IBM CloudBurst on System X solution delivered to your site may vary based on your specific configuration. Also note that line cord connectors will exit the bottom of the rack and vary by country. Figure 2 shows an example for the U.S.

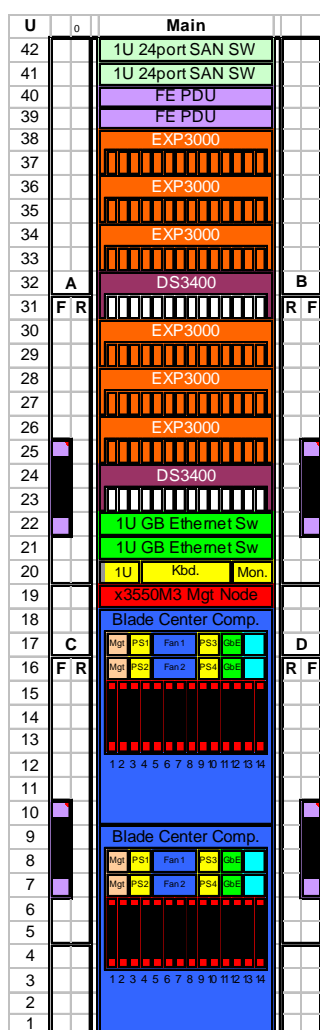


Figure 1: Example of Large IBM CloudBurst on System x Rack

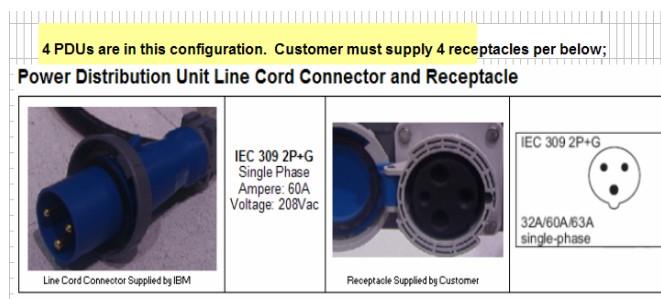


Figure 2: Example of IBM CloudBurst on System x US Cord Connectors

If you experience any technical issues with IBM CloudBurst and require assistance, please contact IBM Support (<http://www-01.ibm.com/software/tivoli/support/cloudburst/>).