

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

To ensure a successful installation of IBM CloudBurst on System Power, this document outlines key information to assist the Site Facilities team. **Note:** This document is to be used for reference only. 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 rack configuration, including hardware power and cooling requirements.

	Foundation	Server Expansion	Storage Expansion
Current (@200V)	37 A	90 A	28.7 A
Max Power Load	7184 W	17550 W	5690 W
Power and Number of PDUs, Customer provided receptacles	(4) PDUs (4) power receptacles meeting appropriate country standards (i.e., For US, 60 AMP Single Phase power receptacles -- IEC 309 2P+G)	(2) PDUs (2) power receptacles meeting appropriate country standards (i.e., For US, 60 AMP Single Phase power receptacles -- IEC 309 2P+G)	(2) PDUs (2) power receptacles meeting appropriate country standards (i.e., For US, 60 AMP Single Phase power receptacles -- IEC 309 2P+G)
Total BTU	24519 btu/hr	59898 btu/hr	19420 btu/hr
Max. Customer Cable Connections	(2) 1G Ethernet		
Total Weight	738 kg / 1627 lbs	716.44 kg / 1,579.5 lbs	572 kg / 1261.5 lbs
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	738kg. (Max)		

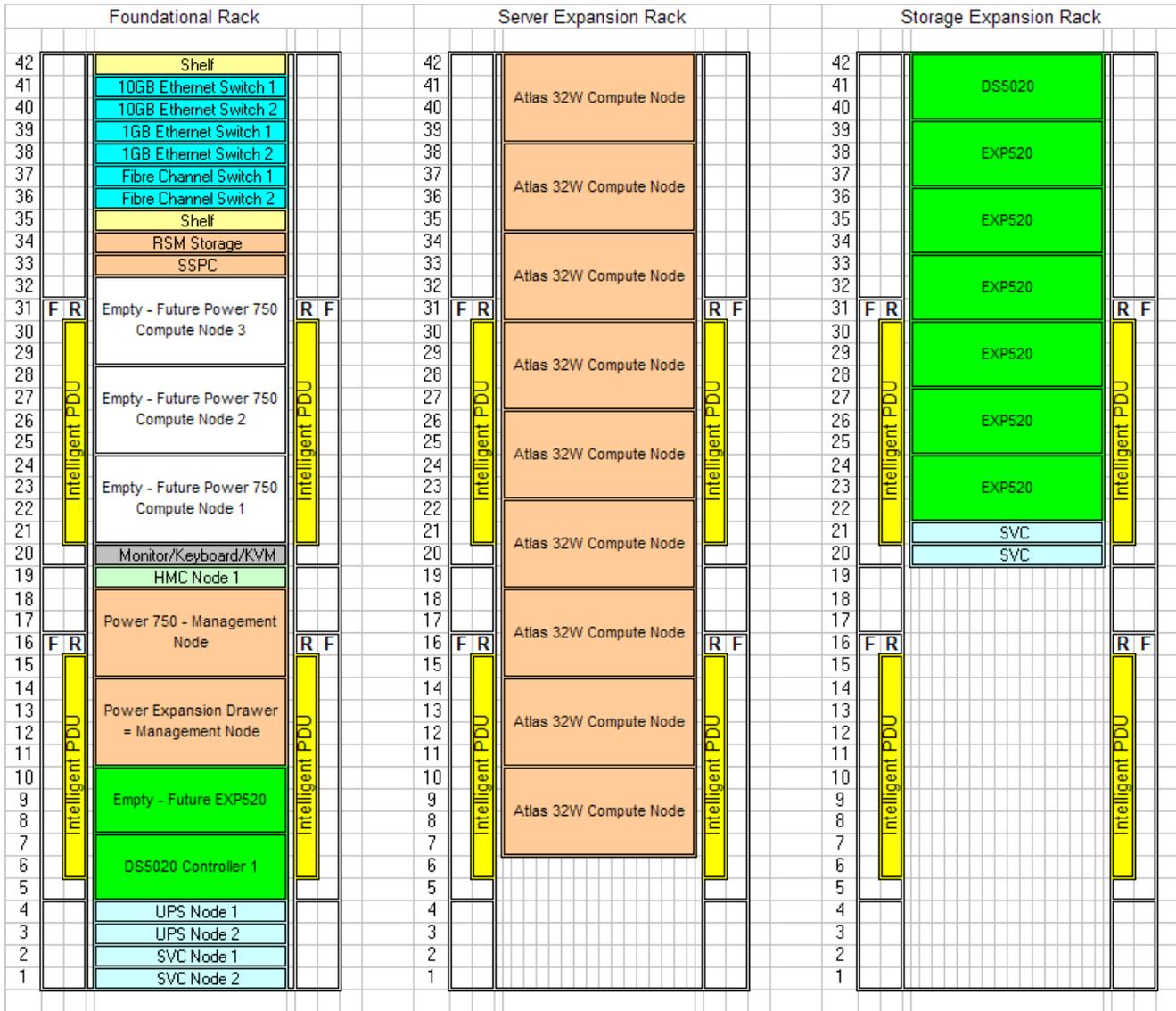
Notes:

- 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.
- Per rack, a room volume of 150 m³ (5300 cu ft) with a ventilation rate of 0.33 air exchange rate per hour (ACH) of outside air is suggested. For example, a 2 rack system should have a room size of 300m³. Room volume is based on a service clearance of 5 feet around all sides. The 0.33 ACH is based on a raised floor installation.

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 Power rack. The layout of the IBM CloudBurst on System Power 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.



System Power



Figure 1: Example of IBM CloudBurst on System Power US Cord Connectors

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