

# Commvault® Cloud HyperScale X Appliance 2300

## TECHNICAL SPECIFICATIONS

Commvault Cloud HyperScale X Appliances accelerate hybrid cloud adoption with a scale-out integrated appliance that delivers:

- Simple, flexible data protection for all workloads, including containers, virtual, and databases
- Optimized scalability to easily grow as needed, on-prem and to the cloud
- Trusted security and resiliency, including built-in ransomware protection

The new file system has deeper integration with Commvault Cloud, providing enhanced resiliency, greater scalability, and more agility. Intelligent load balancing of data across disks and nodes and the capability to support concurrent hardware failures improves data availability. The ability to scale storage capacity in one node increments – from 10 TB to 100 TB – up to 5 PBs in a single deduplicated storage pool enables predictable scaling. And because the solution is pre-designed, built, and sold by Commvault Cloud, you'll save time in hardware acquisition, installation and integration, daily management, and patching. Plus, you'll enjoy streamlined, single-call support.

Starting with configurations of either 48, 96, or 148 of raw terabyte capacity, HyperScale X Appliance 2300 is ideal for small to medium-sized enterprise environments looking for a rack-dense high-performance solution.

HyperScale X Appliances deliver Commvault Cloud's industry-leading technology in a scale-out infrastructure that accelerates hybrid cloud adoption.

Commvault Cloud HyperScale X Appliance 2300 technical specifications

	Per node	Per block (3 nodes)
<b>System capacity (RAW)<sup>1</sup></b>	16, 32, 56 TB	48, 96, 168 TB
<b>System capacity (useable)<sup>2</sup></b>	8, 17, 29 TB	25, 50, 88 TB
<b>Hard disk drive</b>	4 x 3.5" hot-plug 4 TB SAS 7200 rpm, or 4 x 3.5" hot-plug 8 TB SAS 7200 rpm, or 4 x 3.5" hot-plug 14 TB SAS 7200 rpm	12 x 3.5" hot-plug 4 TB SAS 7200 rpm, or 12 x 3.5" hot-plug 8 TB SAS 7200 rpm, or 12 x 3.5" hot-plug 14 TB SAS 7200 rpm
<b>M.2-based flash storage</b>	240 GB	720 GB
<b>NVMe PCIe capacity (DDB/index cache)</b>	6.4 TB	19.2 TB
<b>Memory</b>	256 GB DDR4	768 GB DDR4
<b>Compute</b>	2 x Intel Xeon Silver 4208 8C 2.10 GHz	6 x Intel Xeon Silver 4208 8C 2.10 GHz

<sup>1</sup> Raw capacity value is calculated using Base10 (i.e., 1 TB = 1,000,000,000,000 bytes)

<sup>2</sup> Useable capacity value calculated using Base2 (i.e., 1 TB = 1,099,511,627,776 bytes)

Commvault Cloud HyperScale X Appliance 2300 technical specifications		
	Per node	Per block (3 nodes)
Chipset	Intel® C622	
On-board network connectivity	4 x 10 GbE 2 x 1/10Gbase-T LAN 1 x 1GbE RJ-45 IPMI port	12 x 10 GbE 6 x 1/10Gbase-T LAN 3 x 1GbE RJ-45 IPMI ports
Operating environment	Commvault Cloud HyperScale X Reference Architecture	
Optional add-in cards	16 Gbits/s Dual Port PCIe FC HBA 12 Gbits/s SAS Dual Port PCIe HBA	
Weight	Up to 46 lbs. (20.9 kg)	Up to 138 lbs. (62.6 kg)
Dimensions	1 rack unit (W x H x D) 17.2 x 1.7 x 32 in. (437 x 43 x 813 mm)	3 rack units (W x H x D) 17.2 x 5.1 x 32 in. (437 x 130 x 813 mm)
Power supply	2 x hot-plug 700W/750W Multi-output power supply w/ PFC for Rear I/O	
Rated voltage range	100 Vac to 240 Vac	
Frequency	50 Hz - 60 Hz	
AC Input	100-127V, 50-60Hz 200-240V, 50-60Hz	
Main power fuse	16 A	
Operating ambient temperature	10° C ~ 35° C (50° F ~ 95° F)	
Non-operating temperature	-40° C to 60° C (-40° F to 140° F)	
Operating relative humidity	8% to 90% (non-condensing)	
Non-operating relative humidity	5% to 95% (non-condensing)	
Warranty coverage	Onsite hardware warranty – next business day	
Software maintenance	Premium software maintenance	
Management tools	Commvault Cloud Command Center™, CLI, easy Setup Wizard	
Certification	80 Plus Titanium Level	

3 Software maintenance is based on subscription licensing and pricing

To learn more about the Commvault Cloud HyperScale X, visit [commvault.com/platform/hyperscale](https://commvault.com/platform/hyperscale)