

Commvault® Cloud HyperScale X Appliance 4300

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 288 or 504 TB of raw terabyte capacity, HyperScale X Appliance 4300 is ideal for enterprise environments that require greater scale and performance.

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 4300 technical specifications

	Per node	Per block (3 nodes)
System capacity (raw) ¹	96 or 168 TB	288 or 504 TB
System capacity (useable) ²	50 or 87 TB	151 or 261 TB
Hard disk drive	12 x 3.5" hot-plug 8 TB SAS 7200 rpm or 12 x 3.5" hot-plug 14 TB SAS 7200 rpm	36 x 3.5" hot-plug 8 TB SAS 7200 rpm or 36 x 3.5" hot-plug 14 TB SAS 7200 rpm
M.2-based flash storage	2 x 480 GB SSD configured in RAID1	1440 GB
NVMe PCIe capacity	12.8 TB	38.4 TB
Memory	512 GB DDR4	1536 GB DDR4
Compute	2 x Intel Xeon Gold 6230 20 C 2.10 GHz	6 x Intel Xeon Gold 6230 20 C 2.10 GHz

¹ Raw capacity value calculated using Base10 (i.e., 1 TB = 1,000,000,000,000 bytes)

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

Commvault Cloud HyperScale X Appliance 4300 technical specifications

	Per node	Per block (3 nodes)
Chipset	Intel® C622	
On-board network connectivity	4 x 10/25 GbE SFP+ 2 x 10 GBASE-T 1 x 1 RJ45 IPMI port 1 x 16 Gbits/s Dual Port PCIe FC HBA 1 x 12 Gbits/s SAS Dual Port PCIe HBA	12 x 10/25 GbE SFP+ 6 x 10 GBASE-T 3 x 1 RJ45 IPMI port 3 x 16 Gbits/s Dual Port PCIe FC HBAs 3 x 12 Gbits/s SAS Dual Port PCIe HBAs
Operating environment	Commvault Cloud HyperScale X Reference Architecture	
Gross weight	64 lbs. (29 kg)	192 lbs. (87 kg)
Dimensions	2U (W x H x D) 17.2 x 3.5 x 25.5 in. (437 x 89 x 647-mm)	6U (W x H x D) 17.2 x 10.5 x 25.5 in. (437 x 267 x 647-mm)
Power supply	2 x hot-plug 1200 W power supplies with PMBus for redundancy per node	
Rated voltage range	100 Vac to 240 Vac	
Frequency	50 Hz - 60 Hz	
Maximum rated current	100-127 Vac / 15-12 A / 50-60 Hz 200-240 Vac / 8.5-7 A / 50-60 Hz 200-240 Vdc / 8.5-7 A (for CCC only)	
Active power (Max. configuration)	1000 W / 1200 W	
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)	
Warranty coverage	Onsite hardware warranty – next business day	
Software maintenance ³	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