



# ▶ Commvault HyperScale™ Appliance 1300

## TECHNICAL SPECIFICATIONS

Commvault HyperScale™ Appliances are a data protection solution that tightly integrates compute, storage, and Commvault Complete™ Backup and Recovery software with a scale-out infrastructure. Built on Commvault's industry-leading technology, it allows you to significantly decrease complexity and cost while increasing both scalability and IT agility across the data center and the cloud. Because this solution is pre-designed, built, sold and supported by Commvault, you'll save time in hardware acquisition, installation and integration, daily management and patching and updating. Plus, you'll enjoy streamlined, single-call support for the entire solution.

Commvault HyperScale™ Appliance 1300 is ideal for enterprise environments requiring simple, easy-to-use solutions for data protection starting at 29 TB usable capacity.

Commvault HyperScale Appliance 1300 is a modern solution for today's enterprises; providing on-premises scale-out backup and recovery with cloud-like scale, flexibility and cost.



COMMVAULT HYPERSCALE™ APPLIANCE 1300

▶ The Commvault HyperScale™ Appliance delivers Commvault's industry-leading technology on a scale-out infrastructure for cloud-like scale, flexibility, and cost on premises.

## Commvault HyperScale™ Appliance 1300 Technical Specifications

	PER NODE	PER BLOCK (3 NODES)
SYSTEM CAPACITY (RAW) <sup>1</sup>	N/A	48, 72, 96, 144 TB
SYSTEM CAPACITY (USEABLE) <sup>2</sup>	N/A	29, 43, 58, 87 TB
HARD DISK DRIVE	N/A	12 qty - SAS, 12 GB/s, 4TB, 7,200 rpm, 512n, hot-plug, 3.5-inch 12 qty - SAS, 12 GB/s, 6TB, 7,200 rpm, 512n, hot-plug, 3.5-inch 12 qty - SAS, 12 GB/s, 8TB, 7,200 rpm, 512n, hot-plug, 3.5-inch 12 qty - SAS, 12 GB/s, 12TB, 7,200 rpm, 512n, hot-plug, 3.5-inch
M.2-BASED FLASH STORAGE	150 GB	450 GB
NVME PCIE CAPACITY (DDB/INDEX CACHE)	2 TB	6 TB
MEMORY	128 GB DDR4	384 GB DDR4
COMPUTE	2 x Intel Xeon Silver 4108 8C 1.80 GHz	6 x Intel Xeon Silver 4108 8C 1.80 GHz
CHIPSET	Intel® C624	
ON-BOARD NETWORK CONNECTIVITY	4 x 10 GbE 2 x 1 GbE <sup>3</sup> 1 x 1 GbE iRMC	12 x 10 GbE 6 x 1 GbE <sup>3</sup> 3x 1 GbE iRMC
OPERATING ENVIRONMENT	Commvault HyperScale™ Software	
OPTIONAL ADD-IN CARDS	16 Gb Dual Port PCIe FC HBA 12Gb SAS Dual Port PCIe HBA	
WEIGHT	up to 16 kg (up to 36 lbs)	up to 48 kg (up to 106 lbs)
DIMENSIONS	1 Rack Units 483 mm (Bezel) / 435 mm (Body) x 770.7 mm x 43 mm (19" (Bezel) / 17.1" (Body) x 30.3" x 1.7")	3 Rack Units 483 mm (Bezel) / 435 mm (Body) x 770.7 mm x 129 mm (19" (Bezel) / 17.1" (Body) x 30.3" x 5.1")
MOUNTING RACK DEPTH	748.2 mm per node 29.46" per node	
POWER SUPPLY	2 x hot-plug power supply for redundancy per node 450W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz	

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RATED VOLTAGE RANGE	100 V to 240 V (Platinum) 200 V to 240 V (Titanium)	
FREQUENCY	50 Hz - 60 Hz	
MAX. RATED CURRENT	10.5 A / 5.0 A	
EFFECTIVE POWER	883 W	2,649 W
APPARENT POWER (MAX. CONFIGURATION)	892 VA	2,676 VA
HEAT DISSIPATION	3179 KJ/h (3013 BTU/h)	9,537 KJ/h (9,039 BTU/h)
MAIN POWER FUSE	16 A	
PROTECTION CLASS	I	
OPERATING AMBIENT TEMPERATURE	5 to 35 °C (41 - 95 °F)	
OPERATION (3K2) TEMPERATURE	5°C to 40°C (with ATD 40°C) 5°C to 45°C (with ATD 45°C) 10°C to 35°C (without ATD)	
TRANSPORT (2K2) TEMPERATURE	-25°C to 60°C	
OPERATING RELATIVE HUMIDITY	10 - 85 % (non condensing)	
WARRANTY COVERAGE	Onsite Warranty – Next Business Day	
SOFTWARE MAINTENANCE <sup>4</sup>	Premium Software Maintenance	
MANAGEMENT TOOLS	Commvault Admin Console, CLI, Easy Setup Wizard	
PRODUCT SAFETY AND ERGONOMICS COMPLIANCE	IEC 60950-1 2ed; am1 + am2  EN 60950-1 2ed; A1 + A2 + A11 + A12 EN 62479 ISO 9241-3 EN 29241-3 EK1-ITB2000:20xx CSA-C22.2 No. 60950-1-07 2ed; am1 + am2 UL 60950-1 2ed; am1 + am2 AS/NZS 60950-1 CNS 14336-1 GB 4943.1 IS 13252-1	

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<b>ELECTROMAGNETIC COMPATIBILITY</b>		CISPR 22 + CISPR 32 CISPR 24  EN 55032 Class A EN 55024 EN 61000-3-2 EN 61000-3-3 ETSI EN 300386 (on demand) FCC 47CFR part 15 Class A / ICES-003 AS/NZS CISPR22 Class A AS/NZS CISPR32 Class A  CNS 13438 Class A GB 9254 / GB 17625.1 VCCI Class A / JEITA KN 32 / KN 35
<b>GLOBAL ROHS COMPLIANCE</b>		<ul style="list-style-type: none"> <li>• CB</li> <li>• RoHS (substance limitations in accordance with global RoHS regulations)</li> <li>• WEEE (Waste electrical and electronic equipment)</li> </ul>

Notes:

- 1 All capacity values are calculated using Base10 (i.e., 1TB = 1,000,000,000,000 bytes).
- 2 Useable capacity value calculated using Base2 (i.e., 1TB = 1,099,511,627,776 bytes).
- 3 The 1 GbE ports are reserved for routing management network traffic, when the 10GbE data network is non-routable.
- 4 Software maintenance is based on subscription licensing and pricing.

▶ [Learn more about Commvault HyperScale™ solution.](#)

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