

HITACHI VIRTUAL STORAGE PLATFORM (VSP) ONE BLOCK MATRIX

	VSP One Block 24	VSP One Block 26	VSP One Block 28
Capacity Specifications			
Max. Effective Capacity	3.7PBe / 3.3PiBe	6.7PBe / 6.0PiBe	10.5PBe / 9.3PiBe
Max. Raw Capacity	2.16PB (30TB SSD)		
Effective Capacity Guarantee Ratio	Up to 4:1		
Max. External Virtualized Capacity (Raw)	64 PiB	128 PiB	192 PiB
Max. Number of Drives, Including Spares	72 NVMe		
Drive Options	30TB NVMe SSD 15TB NVMe SSD 7.6TB NVMe SSD 3.8TB NVMe SSD 1.9TB NVMe SSD		
Max. Expansion Drive Trays	2 (2U 24 SFF Drive Tray)		
Controller Tray Specifications			
Max. Cache	256 GiB	768 GiB	1024 GiB
Max. Host Port Counts	32 x FC 16 x iSCSI 8 x TCP		
Host Interface Types	FC-NVMe: 32Gb/s FC-NVMe: 64Gb/s FC: 16Gb/s FC: 32Gb/s FC: 64Gb/s iSCSI: 10Gb/s* iSCSI: 25Gb/s TCP: 100Gb/s		
Fibre Bandwidth to Host	256GB/s (64Gb FC)		
Height Width Depth (Controller)	2U, 3.5" (87 mm) 19.0" (482 mm) 33.6" (852mm)		
Max. Weight (Controller excluding media)	112.44 lbs (51 kg) Controller with internal media		

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Software Specifications			
Value Added Bundled Features	100% Data Availability Guarantee Total Efficiency Guarantee Storage Virtualization Embedded Management In System Replication Copy Data Management Infrastructure Analytics Non-disruptive Migration Safe Snap		
Drive Protection Supported	Dynamic Drive Protection (DDP) Dual Parity Protection Scheme (6D+2P, 14D+2P)		
Data-at-Rest Encryption	Yes		
Max. LUN Size	256TB		
Max. Number of LUNs (includes virtualized)	16,384	32,768	49,152
Max. Number of Snapshots	1,024 per LUN; 1,048,575 per system		
Max. Number of Hosts per Fibre Channel Port	255		

1MB = 1,000,000 bytes
 1MiB = 1,048,576 bytes
 NVMe = non-volatile memory express
 SSD = solid state drive
 FC = Fibre Channel
 iSCSI = Internet Small Computer Systems Interface

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