

VSP One Block Low Price for High Performance!

End-to-end NVMe Enterprise-Technologie zum Einstiegspreis

Mit unseren neuen exklusiven **Virtual Storage Plattform One Block Bundles** sind die Speicherlösungen von Hitachi Vantara äusserst preisgünstig. Sie sind ideal für Unternehmen, die ihre Speicherinfrastruktur zu einem wettbewerbsfähigen Preis optimieren möchten.

- **Gleiches Betriebssystem und gleiche Funktionen wie die Enterprise-Lösungen** von Hitachi Vantara
- Ein **KI-basiertes** Betriebssystem inklusiv **Ransomware Protection mit Immutable Safe Snap**
- Kapazitätserweiterung granular **mit einzelnen NVMe SSDs möglich**
- Hostanbindung bis zu 32x **64 Gb/s FC(-NVMe)**, 16x **25 Gb/s iSCSI**, 8x **100 Gb/s TCP Ports**
- Maximale effektive Kapazität beträgt **2,5 PiBe mit 72 NVMe SSDs**
- **Upgrade** auf Folgesystem **ohne Tausch der Speichermedien** möglich
- Automatische **Anpassung des Stromverbrauches** nach Auslastung im laufenden Betrieb
- **Garantierte effektive Kapazität** ohne Einschränkungen
- Garantierte **100% Datenverfügbarkeit!**



Eco First

Alle Hitachi VSP One Block Systeme sind Energy Star zertifiziert.

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		
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	112.70 lbs (51.12 kg) Controller with internal media	112.96 lbs (51.24 kg) Controller with internal media

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Software Specifications			
Value Added Bundled Features	100% Data Availability Guarantee No Questions Asked 4:1 Effective Capacity Warranty Storage Virtualization Embedded Management In-System Replication Copy Data Management Infrastructure Analytics Non-disruptive Migration ¹ Immutable Snapshots		
Drive Protection Supported	Dynamic Drive Protection (DDP) Dual Parity Protection Scheme (6D+2P, 14D+2P)		
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		
Security Features and Certification	Data at Rest Encryption Hardware Root of Trust TLS 1.3 support by default. TLS 1.2 can be optionally enabled Secure firmware update FIPS Certified (140-3 Level 1) Common Criteria Certification (in process)		

Notes:

- 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
- FIPS = Federal Information Protection Standard
- TLS = Transport Layer Security
- ¹Using Global Active Device

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