

DS-VD22D-D/HW2

- Innovate at scale with challenging and emerging workloads, purpose-built for growing scale-out solutions
- Outmaneuver threats with intelligence, automation, and recovery tools that include iDRAC9 Telemetry, BIOS live scanning, and Rapid OS recovery
- Supports multiple management models, best to manage your device. 1:1 or 1:Many; Full remote control and management functions.
- Feature-optimized server with ideal selection of CPU, I/O, and storage performance for scale-out environments to meet data needs, suitable for various scale scenarios

▪ Specification

Hardware Specifications	
CPU	4509Y x1/ 4510x1 <ul style="list-style-type: none"> • 4509Y(2.6 GHz-4.1 GHz, 22.5 MB Cache , 8 Cores, 16 Threads) • 4510 (2.4 GHz-4.1 GHz, 30 MB Cache , 12 Cores, 24 Threads)
Memory	32GB x 1 <ul style="list-style-type: none"> • Support 16GB/32GB/64GB DDR5 RDIMM ECC • Slots: 16 x DDR5 DIMM slots, supports RDIMM 16 x 64 GB MAX (1 CPU Configuration with 8 slots available , 2 CPU configuration with 16 slots available.)
Hard Disks	2 x 2TB 7.2K SATA(RAID_1) <ul style="list-style-type: none"> • Support 2TB/ 4TB/ 8TB/ 12TB/ 16TB/22TB 7.2K SATA Hot-plug HDD • Support 480GB/ 960GB/ 1.92TB/ 3.84TB SATA Hot-plug SSD • Slots: 8 x 3.5-inch SAS/SATA (HDD/SSD) slots, supports HDD 8 x 22TB max (Empty slots do not include hard drive bays by default)
Storage Controller	PERC H355 adaptor LP, support RAID 0/1
Supported Operating Systems	WinSvr2022 multilingual version pre-installed
PCIe Slots	Single CPU with 4 PCIe slots, dual CPUs with 6 PCIe slots
Management	
Remote Manage	iDrac9 Enterprise
OpenManage™ Software	<ul style="list-style-type: none"> •OpenManage Enterprise •OpenManage Power Manager plugin •OpenManage Service plugin •OpenManage Update Manager plugin •CloudIQ for PowerEdge plug in •OpenManage Enterprise Integration for VMware vCenter •OpenManage Integration for Microsoft System Center •OpenManage Integration with Windows Admin Center
Integrations and Connections	<ul style="list-style-type: none"> •BMC Truesight •Microsoft System Center •OpenManage Integration with ServiceNow •Red Hat Ansible Modules •Terraform Providers •VMware vCenter and vRealize Operations Manager
Security	<ul style="list-style-type: none"> •Cryptographically signed firmware •Data at Rest Encryption (SEDs with local or external key mgmt) •Secure Boot •Secured Component Verification (Hardware integrity check) •Secure Erase •Secured-core server •Silicon Root of Trust •System Lockdown (requires iDRAC9 Enterprise or Datacenter) •TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ
Ports	
USB 3.0	0 (Front) +1 (Rear)
USB 2.0	1 (Front) +1 (Rear)

Ethernet Port	6 x 1GbE
VGA	2
iDRAC Direct (Micro-AB USB) Port	1
iDRAC Ethernet Port	1
Manager Port	1
General	
Net Weight	28.6 kg (63.0 lb)
Gross Weight	46.4 kg (102.29 lb)
Dimension (W × H × D)	482.0 mm × 86.8 mm × 721.62 mm (18.97" × 3.41" × 28.4")
Package Dimensions (W × H × D)	667.0 mm × 327.0 mm × 930.0 mm (26.26" × 12.87" × 36.61")
Operating Temperature	10 °C to 35 °C (50 °F to 95 °F)
Storage Temperature	-40 °C to 65 °C (-104 °F to 149 °F)
Operating Humidity	8% to 80% (no condensation)
Storage Humidity	5% to 95% (no condensation)
Power Supply	800 W , 50/60 Hz , 100-240 VAC (Auto adjustment) , 9.2-4.7 A
Form Factor	2U Rack

▪ Available Model

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DS-VD22D-D/HW2/FULLMOON

VD22D-D/KVO

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