

DS-VH22-R/HW2

Dual-socket Rackmount Server



- 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

Available Model Key Spec	
DS-VH22-R/HW2	4410T×1/32GB×1/2TB 7.2K SATA×2(RAID_1)/SAS_H355/1 GbE×6/800W(Dual power)/R760XS/win Svr 2022 Std/DVD/3 years PSP
Hardware Specifications	
CPU	<ul style="list-style-type: none"> • 4410T (2.7 GHz-4.0 GHz, 26.25 MB Cache, 10 Cores, 20 Threads)
Memory	<ul style="list-style-type: none"> • Support 16GB/32GB/64GB DDR5 RDIMM, 4800MT/s ECC • Slots: 16 x DDR5 DIMM slots, supports RDIMM 16x64 GB MAX (1 CPU Configuration with 8 slots available, 2 CPU configuration with 16 slots available.)
Hard Drive	<ul style="list-style-type: none"> • 2TB/ 4TB/ 8TB/ 12TB/ 16TB/22TB 7.2K SATA Hot-plug HDD • 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	<ul style="list-style-type: none"> • PERC H355 adaptor LP, support RAID 0/1 • PERC H755 adaptor LP, support RAID 0/1/5/6/10 (Optional)
Operating System	<ul style="list-style-type: none"> • win Svr 2022 Std (Optional)
PCIe Slots	<ul style="list-style-type: none"> • 1 CPU Configuration: Up to 4 PCIe slots (2 x8 Gen5, 1 x16 Gen4, 1 x8 Gen4) • 2 CPU configuration: Up to 6 PCIe slots (2 x16 Gen5, 3 x16 Gen4, 1 x8 Gen4)
Notes	<ul style="list-style-type: none"> • Support flexible customization, including CPU, memory, hard dive, OS, etc
Management	
Remote Manage	<ul style="list-style-type: none"> • iDRAC9 • iDRAC Direct • iDRAC RESTful API with Redfish • iDRAC Service Manual
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	
Front Ports	<ul style="list-style-type: none"> • 1 x iDRAC Direct (Micro-AB USB) port • 1 x USB 2.0 • 1 x VGA
Rear Ports	<ul style="list-style-type: none"> • 1 GbE×6/ 1 GbE×2+10 GbE x 2/Customization • 1 x Dedicated iDRAC Ethernet port • 1 x USB 2.0 • 1 x USB 3.0 • 1 x VGA
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")
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 Platinum 100—240 VAC or 240 VDC (Hot Swap Redundant Power Supplies)
Form Factor	2U Rack