DS-VH22-R/HW250
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/HW250	4410T×1/32GB×1/2TB 7.2K SATA×2(RAID_1)/SAS_H355/1 GbE×2+10G SFP x 2/800W(Dual power)/win Svr 2022 Std/DVD/3 years PSP;
Hardware Specifications	
CPU	• 4410T　(2.7 GHz-4.0 GHz,　26.25 MB Cache，　10 Cores,　20 Threads) • 4410Y　(2.0 GHz-3.9 GHz,　30 MB Cache，　12 Cores,　24 Threads)
Memory	• 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	• 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	• PERC H355 adaptor LP, support RAID 0/1 • PERC H755 adaptor LP, support RAID 0/1/5/6/10 (Optional)
Operating System	• win Svr 2022 Std (Optional)
PCIe Slots	• 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	• Support flexible customization, including CPU, memory, hard dive, OS, etc
Management	
Remote Manage	•iDRAC9 •iDRAC Direct •iDRAC RESTful API with Redfish •iDRAC Service Manual
OpenManage™ Software	•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	•BMC Truesight •Microsoft System Center •OpenManage Integration with ServiceNow •Red Hat Ansible Modules •Terraform Providers •VMware vCenter and vRealize Operations Manager

Security	•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	• 1 x iDRAC Direct (Micro-AB USB) port
	• 1 x USB 2.0
	• 1 x VGA
Rear Ports	• 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

See Far, Go Further

HIKVISION®