

DS-VH22-R/HW3E Dual-socket Rackmount Servers



- 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

Model		DS-VH22-R/HW3E
Hardware Specifications	CPU	<ul style="list-style-type: none"> • 4510 (2.4 GHz-4.1 GHz, 30 MB Cache, 12 Cores, 24 Threads) • /4410T (2.7 GHz-4.0 GHz, 26.25 MB Cache, 10 Cores, 20 Threads) /4509Y (2.6 GHz-4.1 GHz, 22.5 MB Cache, 8 Cores, 16 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 Disks	<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)
	Supported Operating Systems	<ul style="list-style-type: none"> • Winserver 2022 multilingual version (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)
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	USB 3.0	0 (Front) +1 (Rear)

	USB 2.0	1 (Front) +1 (Rear)
	Ethernet Port	1 GbE×6/ 1 GbE×2+10 GbE x 2
	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

DS-VH22-R/HW3E/BHTD

DS-VH22-R/HW3EX08

DS-VH22-R/HW3EX067

DS-VH22-R/HW3E

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support@hikvision.com

