

HIKVISION



Hikvision Digital Technology Co., Ltd

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The Hikvision DS-VD22D-B/HW48 was designed to accelerate application performance leveraging accelerator cards and storage scalability. The 2-socket, 2U platform has the optimum balance of resources to power the most demanding environments.



Expand and optimize application performance

The scalable business architecture of the DS-VD22D-B/HW48 can scale up to three 300W GPU's or six 150W GPU's. With up to 8 3.5" drives the DS-VD22D-B/HW48 provides the versatility to adapt to virtually any application and provides the perfect platform for VDI deployments.

- Scale your VDI deployments with 3 double-width GPUs.
- Free up storage space using internal M.2 SSDs optimized for boot.
- Scale compute resources with Intel® Xeon® SP delivering a 27% increase in processing cores and 50% increase in bandwidth over previous generation of Xeon processors.

Automate systems management with OpenManage

The OpenManage™ portfolio helps deliver peak efficiency for Hikvision servers, delivering intelligent, automated management of routine tasks. Combined with unique agent-free management capabilities, the DS-VD22D-B/HW48 is simply managed, freeing up time for high profile projects.

- Simplify management with the New OpenManage Enterprise™ console, with customized reporting and automatic discovery.
- Take advantage of QuickSync 2 capabilities and gain access to your servers easily through your phone or tablet.

Rely on Hikvision with built-in security

Every Hikvision server is designed as part of a cyber resilient architecture, integrating security into the full server lifecycle. The DS-VD22D-B/HW48 leverages new security features built-into every new Hikvision server strengthening protection so you can reliably and securely deliver accurate data

to your customers no matter where they are. By considering each aspect of system security, from design to retirement, Hikvision ensures trust and delivers a worry-free, secure infrastructure without compromise.

- Rely on a secure component supply chain to ensure protection from factory to the data center.
- Maintain data safety with cryptographically signed firmware packages and Secure Boot.
- Prevent unauthorized or malicious change with Server Lockdown.
- Wipe all data from storage media including hard drives, SSDs and system memory quickly and securely with System Erase
- 3 years Global Platinum service

Specifications:

Processor	Up to two Intel® Xeon® SP, up to 28 cores per processor This model is configured two Intel® Xeon®SP (4210*2)		
Memory	24 DDR4 DIMM slots, Supports RDIMM /LRDIMM, speeds up to 2666MT/s, 3TB max Up to 12 NVDIMM, 192 GB Max Supports registered ECC DDR4 DIMMs only This model is configured 64G DDR4 DIMM		
Storage controllers	(Optional) Internal controllers: PERC H330, H730p, H740p, HBA330, Software RAID (Optional) (SWRAID) S140 Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB (Optional) External PERC (RAID): H840 (Optional) External HBAs (non-RAID): 12 Gbps SAS HBA This model is configured PERC H350		
Drive bays	Front drive bays: up to 8 x 3.5" SAS/SATA HDD max 80TB, Optional DVD-ROM, DVD+RW This model is configured 1T 7.2K SATA×2(RAID_1) + 1T 7.2K SATA×2(RAID_1)		
Power supplies	Titanium 750W, Platinum 495W, 750W, 1100W, 1600W 48VDC 1100W, 380HVDC 1100W, 240HVDC 750W (China/Japan) Hot plug power supplies with full redundancy and Up to 6 hot plugs fans with full redundancy This model is configured 495W(1+1)		
Sizing	Form factor: Rack (2U)	Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch)	
Sizing with Package	960 × 610 × 295 mm (37.8 × 24.0× 11.6 inch)		
Embedded management	IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express, Enterprise) Quick Sync 2 wireless module optional This model :iDRAC9, Enterprise		
Bezel	security bezel		
OpenManage™ Software	OpenManage Enterprise	OpenManage Mobile	
	OpenManage Essentials	OpenManage Power Center	
Integrations and connections	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software	HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager,	
	Connections: Nagios & Nagios XI, Oracle Enterprise Manager,	CA Network and Systems Management	
Net weight	26.5kg		
Weight Package	with	35.1 kg	
Security	TPM 1.2/2.0 optional	System Lockdown	

	Cryptographically signed firmware Secure Boot	Secure erase
I/O & Ports	Network daughter card options: 4 x 1GbE or 2 x 10GbE + 2 x 1GbE or 4 x 10GbE or 2 x 25GbE This model is configured 4 x 1GbE Front ports: Video, 2 x USB 2.0 Rear ports: Video, serial, 2 x USB 3.0 Video card: VGA*1	
Storage temperature	-40°C to +70°C (-40°F to 158 °F)	
Working temperature	+5°C to +35°C (41°F to 95 °F)	
Working humidity	8 % to 90 % (without condensation)	
Supported operating systems	Canonical® Ubuntu® LTS Citrix® XenServer® Microsoft Windows Server® with Hyper-V Red Hat® Enterprise Linux SUSE® Linux Enterprise Server VMware® ESXi This model is delivered without OS	

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