HIKVISION

杭州海康威视数字技术股份有限公司

www.hikvision.com

The Hikvision DS-VD22D-B/HW7 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/HW7 can scale up to three 300W GPU's or six 150W GPU's. With up to 8 3.5" drives the DS-VD22D-B/HW7 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/HW7 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/HW7 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.

Specifications：

Processor	Up to two Intel® Xeon® SP, up to 28 cores per processor
	This model is configured two Intel® Xeon® SP

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 HBA
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 S4510 960G×3+S4610 240G*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
Embedded management	IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express, Enterprise) Quick Sync 2 wireless module optional
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 Connections: Nagios & Nagios XI, Oracle Enterprise Manager,	HP Operations Manager, IBM Tivoli Netcool/OMNIbus, IBM Tivoli® Network Manager, CA Network and Systems Management
Security	TPM 1.2/2.0 optional System Lockdown Cryptographically signed firmware Secure erase Secure Boot
I/O & Ports	Network daughter card options: 4 x 1GE or 2 x 10GE + 2 x 1GE or 4 x 10GE or 2 x 25GE This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated IDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA
GPU options	Nvidia Tesla P100, K80, K40, Grid M60, M10, P4 Quadro P4000. AMD S7150, S7150X2 This model is not configured by default

Supported operating systems	Canonical® Ubuntu® LTS
	Citrix® XenServer®
	Microsoft Windows Server® with Hyper-V
	Red Hat® Enterprise Linux
	SUSE® Linux Enterprise Server
	VMware® ESXi

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