

HIKVISION



杭州海康威视数字技术股份有限公司

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The Hikvision DS-VD22D-B/HW2 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/HW2 can scale up to three 300W GPU's or six 150W GPU's. With up to 8 3.5" drives the DS-VD22D-B/HW2 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/HW2 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/HW2 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 one Intel® Xeon® SP (4110*1) | |
| 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 32G 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 H330 | |
| 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 1TB 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 Essentials | OpenManage Mobile 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 |
| Net weight | 26.5 kg | |
| Weight with Package | 35.1 kg | |
| Security | TPM 1.2/2.0 optional Cryptographically signed firmware | System Lockdown Secure erase |

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|-----------------------------|---|
| | 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 |
| 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 installed with Win SVR 2016 global standard system |

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