

## DS-VD22D-C/HW7 General Purpose Server



- Innovate at scale with challenging and emerging workloads
- Increase efficiency and accelerate operations with autonomous collaboration
- Built-in proactive resilience through a complete portfolio of solutions



## Specification

CPU     Xeon Scalable processors 4310×2       Hard Disk     960G SATA SSD x3 + 480G SATA SSD×1       Powice Dimensions     Form factor: Rack (2U)       Chassis depth: 707.78 mm     707.78 × 482 × 86.8 mm (27.85 × 19.0 × 3.4 inch)       With package: 930 × 667 × 327 mm (36.6 × 26.3 × 12.9 inch)       Memory     64 GB DDR4 DIMM       Storage Controller     SAS_H355       Power Supply     800 W (1 + 1)       Bezel     security bezel       iDRAC9     iDRAC9       iDRAC Service Module     iDRAC Service Module       iDRAC Service Module     iDRAC Service Module       iDRAC Service Module     OpenManage Enterprise       OpenManage Power Manager plugin     OpenManage Enterprise       OpenManage Update Manager plugin     OpenManage Update Manager plugin       OpenManage Update Manager plugin     OpenManage Update Manager plugin       OpenManage Update Manager plugin     OpenManage Update Manager plugin       OpenManage Update Manager plugin     OpenManage Integrations; Red       Hat Ansible Modules; VMware vCenter and vRealize Operations Manager       Forcus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI       Secure Erase       Silicon Root of Trust       System Lockdown (requires iDRAC9 Enterprise or Datacenter)       TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ       Front Ports:     1 x I	Hardware Specifications	
Form factor: Rack (2U)   Chassis depth: 707.78 mm   707.78 x 482 x 86.8 mm (27.85 x 19.0 x 3.4 inch)   With package: 930 x 667 x 327 mm (36.6 x 26.3 x 12.9 inch)	CPU	Xeon Scalable processors 4310×2
Device Dimensions  Chassis depth: 707.78 mm 707.78 × 482 × 86.8 mm (27.85 × 19.0 × 3.4 inch) With package: 930 × 667 × 327 mm (36.6 × 26.3 × 12.9 inch)  Memory  64 GB DDR4 DIMM  Storage Controller  854_14355  Power Supply  800 W (1 + 1)  Bezel  iDRAC9 iDRAC Service Module iDRAC Direct Quick Sync 2 wireless module  OpenManage™ Software  OpenManage Power Manager plugin OpenManage Update Manager plugin OpenManage Update Manager plugin OpenManage Update Manager plugin OpenManage Vipdate Manager plugin OpenManage SupportAssist plugin OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenMa	Hard Disk	960G SATA SSD x3 + 480G SATA SSD×1
Device Dimensions  707.78 × 482 × 86.8 mm (27.85 × 19.0 × 3.4 inch)  With package: 930 × 667 × 327 mm (36.6 × 26.3 × 12.9 inch)  Memory  64 GB DDR4 DIMM  Storage Controller  SAS_H355  Power Supply  800 W (1 + 1)  Bezel  iDRAC9 iDRAC9 iDRAC9 iDRAC Service Module iDRAC Direct Quick Sync 2 wireless module  OpenManage Enterprise OpenManage Enterprise OpenManage Update Manager plugin OpenManage Update Manager plugin OpenManage Update Manager plugin Integrations and Connections  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x VDD  I/O & Ports Rear Ports: 1 x USB 2.0		Form factor: Rack (2U)
With package: 930 × 667 × 327 mm (36.6 × 26.3 × 12.9 inch)  Memory 64 GB DDR4 DIMM  Storage Controller 5AS_H355  Power Supply 800 W (1 + 1)  Bezel security bezel iDRAC9  IDRAC Service Module iDRAC Direct Quick Sync 2 wireless module  OpenManage™ Software OpenManage Enterprise  OpenManage SupportAssist plugin  OpenManage Update Manager plugin  OpenManage Update Manager plugin  Integrations and Connections  Integrations iBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware  Security  Security  Front Ports:  1 x iDRAC Direct (Micro-AB USB) port  1 x USB 2.0		Chassis depth: 707.78 mm
Memory 54 GB DDR4 DIMM  Storage Controller 5AS_H355  Power Supply 800 W (1 + 1)  Bezel security bezel iDRAC9	Device Dimensions	707.78 × 482 × 86.8 mm (27.85 × 19.0 × 3.4 inch)
Storage Controller  Power Supply  800 W (1 + 1)  Bezel  security bezel iDRAC9 iDRAC Service Module iDRAC Direct Quick Sync 2 wireless module OpenManage™ Software  OpenManage Power Manager plugin OpenManage Update Manager plugin OpenManage Update Manager plugin OpenManage What Through Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Security  Security  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x IDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		With package: $930 \times 667 \times 327 \text{ mm}$ (36.6 × 26.3 × 12.9 inch)
Power Supply 800 W (1 + 1)  Bezel security bezel iDRAC9 iDRAC Service Module iDRAC Direct (Quick Sync 2 wireless module)  OpenManage™ Software OpenManage Enterprise OpenManage Dugin OpenManage Dugate Manager plugin OpenManage Update Manager plugin OpenManage Update Manager plugin OpenManage Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Boot Secure Boot Secure Boot Secure Boot System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x IDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports Rear Ports: 1 x USB 2.0	Memory	64 GB DDR4 DIMM
Bezel security bezel iDRAC9 iDRAC Service Module iDRAC Direct Quick Sync 2 wireless module OpenManage™ Software OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Update Manager plugin Integrations and Connections  Connections: IBM Tivoli Netcool/OMNibus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ Front Ports: 1 x IDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD Rear Ports: 1 x USB 2.0	Storage Controller	SAS_H355
iDRAC9 iDRAC Service Module iDRAC Direct Quick Sync 2 wireless module  OpenManage™ Software  OpenManage Power Manager plugin OpenManage Update Manager plugin OpenManage Update Manager plugin Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports:  1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0	Power Supply	800 W (1 + 1)
iDRAC Service Module iDRAC Direct Quick Sync 2 wireless module  OpenManage™ Software  OpenManage Fnterprise OpenManage Power Manager plugin OpenManage Update Manager plugin OpenManage Update Manager plugin Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNibus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports Rear Ports: 1 x USB 2.0	Bezel	security bezel
iDRAC Direct Quick Sync 2 wireless module  OpenManage™ Software  OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Update Manager plugin OpenManage Update Manager plugin  Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0		iDRAC9
iDRAC Direct Quick Sync 2 wireless module  OpenManage™ Software  OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Update Manager plugin Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports:  1 x iDRAC Direct (Micro-AB USB) port  1 x USB 2.0  1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0		iDRAC Service Module
OpenManage™ Software  OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Update Manager plugin Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0	Embedded Management	iDRAC Direct
OpenManage™ Software  OpenManage Power Manager plugin OpenManage SupportAssist plugin OpenManage Update Manager plugin  Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		Quick Sync 2 wireless module
OpenManage SupportAssist plugin OpenManage Update Manager plugin  Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware  Secure Boot  Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter)  TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports:  1 x iDRAC Direct (Micro-AB USB) port  1 x USB 2.0  1 x VGA  1 x DVD  Rear Ports:  1 x USB 2.0  I/O & Ports		OpenManage Enterprise
OpenManage SupportAssist plugin OpenManage Update Manager plugin Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0	On an Managa IM Caffugara	OpenManage Power Manager plugin
Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0	OpenManage ···· Software	OpenManage SupportAssist plugin
Hat Ansible Modules; VMware vCenter and vRealize Operations Manager  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0		OpenManage Update Manager plugin
Integrations and Connections  Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		Integrations: BMC Truesight; Microsoft System Center; OpenManage Integrations; Red
Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition; Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  Rear Ports: 1 x USB 2.0		Hat Ansible Modules; VMware vCenter and vRealize Operations Manager
Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI  Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0	Integrations and Connections	
Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network Manager IP Edition;
Security  Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		Micro Focus Operations Manager; OpenManage Connections; Nagios Core; Nagios XI
Security  Secure Erase Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports: 1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		Cryptographically signed firmware
Silicon Root of Trust System Lockdown (requires iDRAC9 Enterprise or Datacenter) TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports:  1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		Secure Boot
Silicon Root of Trust  System Lockdown (requires iDRAC9 Enterprise or Datacenter)  TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports:  1 x iDRAC Direct (Micro-AB USB) port  1 x USB 2.0  1 x VGA  1 x DVD  I/O & Ports  Rear Ports:  1 x USB 2.0	Conveity	Secure Erase
TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ  Front Ports:  1 x iDRAC Direct (Micro-AB USB) port  1 x USB 2.0  1 x VGA  1 x DVD  Rear Ports:  1 x USB 2.0	ecurity	Silicon Root of Trust
Front Ports:  1 x iDRAC Direct (Micro-AB USB) port  1 x USB 2.0  1 x VGA  1 x DVD  Rear Ports:  1 x USB 2.0		System Lockdown (requires iDRAC9 Enterprise or Datacenter)
1 x iDRAC Direct (Micro-AB USB) port 1 x USB 2.0 1 x VGA 1 x DVD Rear Ports: 1 x USB 2.0		TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ
1 x USB 2.0 1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		Front Ports:
1 x VGA 1 x DVD  I/O & Ports  Rear Ports: 1 x USB 2.0		1 x iDRAC Direct (Micro-AB USB) port
1 x DVD  I/O & Ports  Rear Ports:  1 x USB 2.0		1 x USB 2.0
I/O & Ports  Rear Ports:  1 x USB 2.0		1 x VGA
1 x USB 2.0		1 x DVD
	I/O & Ports	Rear Ports:
1 x Serial (optional)		1 x USB 2.0
		1 x Serial (optional)
1 x USB 3.0		1 x USB 3.0
6 x 1Gb Ethernet		6 x 1Gb Ethernet
1 x VGA		1 x VGA
Supported Operating Systems Not configured by default	Supported Operating Systems	Not configured by default



Physical and Environmental Paran	neters
Net Weight (without package)	28.8 kg (63.49 lb.)
Gross Weight (with package)	37.2 kg (82.01 lb.)

## Available Model

DS-VD22D-C/HW7



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