

DS-VE11-R**Single-socket Rackmount Server**

- 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

Hardware Specifications	
CPU	• E-2434 (3.4 GHz-5.0 GHz, 12 MB Cache, 4 Cores, 8 Threads) • E-2468 (2.6 GHz-5.2 GHz, 24 MB Cache, 8 Cores, 16 Threads)
Memory	• Support single 16GB/32GB DDR5 UDIMM, 4400MT/s ECC • Slots: 4 x DDR5 DIMM slots, supports UDIMM 4x32 GB MAX
Hard Drive	• 2TB/ 4TB/ 8TB/ 12TB/ 16TB/22TB 7.2K SATA Hot-plug HDD • 480GB/ 960GB/ 1.92TB/ 3.84TB SATA Hot-plug SSD • Slots: 4 x 3.5-inch SAS/SATA (HDD/SSD) slots, supports HDD 4 x 22TB max (Empty slots do not include hard drive bays by default)
Storage Controller	• S160 with OS software Raid (support RAID 0/1)
Operating System	• win Svr 2019 Std / win Svr 2022 Std (Optional)
PCIe Slots	Up to 2 PCIe Gen4 slots on the Gen4 Riser • Slot 1: 1 x8 with x8 bandwidth, Half Length, Low Profile • Slot 2: 1 x16 with x8 bandwidth, Half Length, Low Profile
Notes	• Support flexible customization, including CPU, memory, hard drive, OS, etc
Management	
Remote Manage	• iDRAC9 • iDRAC Direct • iDRAC RESTful API with Redfish • iDRAC Service Manual
OpenManage™ Software	• 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	• BMC Truesight • Microsoft System Center • OpenManage Integration with ServiceNow • Red Hat Ansible Modules • Terraform Providers • VMware vCenter and vRealize Operations Manager
Security	• 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	
Front Ports	• 1 x iDRAC Direct (Micro-AB USB) port • 1 x USB 2.0
Rear Ports	• 2 x LAN10/100/1000 • 1 x Dedicated iDRAC Ethernet port • 1 x USB 2.0 • 1 x USB 3.2 Gen1 • 1 x VGA • 1 x Serial
General	
Net Weight	13.23 Kg (29.17 lb)
Gross Weight	25 kg (55.11 lb)
Dimension (W × H × D)	482.0 mm × 42.8 mm × 598.9 mm (18.97" × 1.68" × 23.57")
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	600 W Platinum 100 — 240 VAC or 240 VDC (Single / Dual power)
Form Factor	1U Rack
Available Model	
DS-VE11-R/HW1S	E-2434×1/16GB DDR5*1/2T 7.2K SATA×2(RAID_1)/1GbEx2/600W(Single power)/R360/1U/No DVD/ win Svr 2019 Std /3 years PSP
DS-VE11-R/HW1	E-2434×1/16GB DDR5*1/2T 7.2K SATA×2(RAID_1)/1GbEx2/600W(Dual power)/R360/1U/No DVD/win Svr 2019 Std/3 years PSP
DS-VE11-R/HW2	E-2434×1/16GB DDR5*1/2T 7.2K SATA×2(RAID_1)/1GbEx2/600W(Dual power)/R360/1U/No DVD/win Svr 2022 Std/3 years PSP
DS-VE11-R/HW2E	E-2434×1/16GB DDR5*1/2T 7.2K SATA×2(RAID_1)/1GbEx2/600W(Dual power)/R360/1U/No DVD/win Svr 2022 Std/5 years PSP
DS-VE11-R/HW3	E-2434×1/16GB DDR5*1/960G SATA SSD*2(RAID_1)/2T 7.2K SATA×2(RAID_1)/1GbEx2/600W(Dual power)/R360/1U/No DVD/win Svr 2022 Std/3 years PSP
DS-VE11-R/HW3E	E-2434×1/16GB DDR5*1/960G SATA SSD*2(RAID_1)/2T 7.2K SATA×2(RAID_1)/1GbEx2/600W(Dual power)/R360/1U/No DVD/win Svr 2022 Std/5 years PSP
DS-VE11-R/HW5	E-2468×1/16GB DDR5*2/ 960G SATA SSD*2(RAID_1)/1GbEx2/600W(Dual power)/R360/1U/No DVD/win Svr 2022 Std/3 years PSP
DS-VE11-R/HW5E	E-2468×1/16GB DDR5*2/960G SATA SSD*2(RAID_1)/2TB 7.2K SATA×2(RAID_1)/1GbEx2/600W(Dual power)/R360/1U/No DVD/win Svr 2022 Std/5 years PSP

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