

**DS-VE11-R/HW1**  
**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

Available Model	
DS-VE11-R/HW1	* E-2434×1/16GB DDR5×1/2T 7.2K SATA×2(RAID_1)/1GbE×2/600W(Dual power)/R360/1U/No DVD/win Svr 2019 Std/3 years PSP
Hardware Specifications	
CPU	<ul style="list-style-type: none"> <li>• E-2434* (3.4 GHz-5.0 GHz, 12 MB Cache, 4 Cores, 8 Threads )</li> </ul> <p><i>* (In Q4 2025, we will begin upgrading E2434 CPUs to the 6325P free of charge for all HQ shipments.)</i></p>
Memory	<p>Default Configuration:</p> <ul style="list-style-type: none"> <li>• 16GB</li> </ul> <p>Capacity:</p> <ul style="list-style-type: none"> <li>• Support single 16GB/32GB DDR5 UDIMM, 4400MT/s ECC</li> <li>• Slots: 4 x DDR5 DIMM slots, supports UDIMM 4x32 GB MAX</li> </ul>
Hard Drive	<p>Default Configuration:</p> <ul style="list-style-type: none"> <li>• 2x2TB 7.2K SATA HDD (RAID_1)</li> </ul> <p>Capacity:</p> <ul style="list-style-type: none"> <li>• Supported: 2TB/ 4TB/ 8TB/ 12TB/ 16TB/22TB 7.2K SATA Hot-plug HDD</li> <li>• Supported: 480GB/ 960GB/ 1.92TB/ 3.84TB SATA Hot-plug SSD</li> <li>• 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)</li> </ul>
Storage Controller	<ul style="list-style-type: none"> <li>• S160 with OS software Raid (support RAID 0/1)</li> </ul>
Operating System	<ul style="list-style-type: none"> <li>• win Svr 2019 Std / Compatible with Windows Server and Linux systems</li> </ul>
PCIe Slots	<p>Up to 2 PCIe Gen4 slots on the Gen4 Riser</p> <ul style="list-style-type: none"> <li>• Slot 1: 1 x8 with x8 bandwidth, Half Length, Low Profile</li> <li>• Slot 2: 1 x16 with x8 bandwidth, Half Length, Low Profile</li> </ul>
Notes	<ul style="list-style-type: none"> <li>• Support flexible customization, including CPU, memory, hard dive, OS, etc</li> </ul>
Management	
Remote Manage	<ul style="list-style-type: none"> <li>• iDRAC9</li> <li>• iDRAC Direct</li> <li>• iDRAC RESTful API with Redfish</li> <li>• iDRAC Service Manual</li> </ul>
OpenManage™ Software	<ul style="list-style-type: none"> <li>• OpenManage Enterprise</li> <li>• OpenManage Power Manager plugin</li> <li>• OpenManage Service plugin</li> <li>• OpenManage Update Manager plugin</li> <li>• CloudIQ for PowerEdge plug in</li> <li>• OpenManage Enterprise Integration for VMware vCenter</li> <li>• OpenManage Integration for Microsoft System Center</li> <li>• OpenManage Integration with Windows Admin Center</li> </ul>
Integrations and Connections	<ul style="list-style-type: none"> <li>• BMC Truesight</li> <li>• Microsoft System Center</li> <li>• OpenManage Integration with ServiceNow</li> <li>• Red Hat Ansible Modules</li> <li>• Terraform Providers</li> <li>• VMware vCenter and vRealize Operations Manager</li> </ul>

Security	<ul style="list-style-type: none"> <li>• Cryptographically signed firmware</li> <li>• Data at Rest Encryption (SEDs with local or external key mgmt)</li> <li>• Secure Boot</li> <li>• Secured Component Verification (Hardware integrity check)</li> <li>• Secure Erase</li> <li>• Secured-core server</li> <li>• Silicon Root of Trust</li> <li>• System Lockdown (requires iDRAC9 Enterprise or Datacenter)</li> <li>• TPM 2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ</li> </ul>
<b>Ports</b>	
Front Ports	<ul style="list-style-type: none"> <li>• 1 x iDRAC Direct (Micro-AB USB) port</li> <li>• 1 x USB 2.0</li> </ul>
Rear Ports	<ul style="list-style-type: none"> <li>• 2x LAN10/100/1000</li> <li>• 1 x Dedicated iDRAC Ethernet port</li> <li>• 1 x USB 2.0</li> <li>• 1 x USB 3.2 Gen1</li> <li>• 1 x VGA</li> <li>• 1 x Serial</li> </ul>
<b>General</b>	
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 (Dual power)
Form Factor	1U Rack

# See Far, Go Further



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