



HC250RS GEN9 3U Rugged Short Depth Server

3U Server Based on the HPE Industry-Leading Server Platform

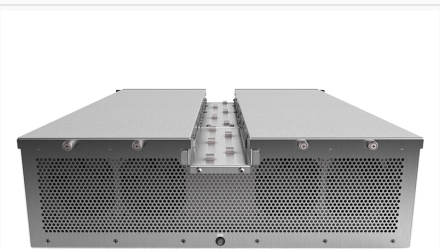


The Core Systems Hyper-Converged 250 Rugged Server (HC250RS) takes the proven HPE HC250 4 node system and repackages the server in a rugged, space-optimized 3U form factor ready for your toughest deployments. With up to 4 dual-socket nodes, 16 total SSDs, 1GB or 10GB connectivity, and an integrated management suite, the HC250RS provides an all-in-one package that can scale to meet your tactical needs. Pre-configured and integrated virtualized blocks of infrastructure can be VM ready in 15 minutes, scale out linearly, and easily integrate with a centralized data center.

The HC250RS is a compact 3U, 4 node virtualized platform of powerful compute and resilient storage managed from a single interface and optimized to handle a variety of workloads—from on-demand IT infrastructure to virtual desktop infrastructure (VDI). High availability, data protection, as well as back-up and recovery capabilities are built into our hyper-converged solutions from the ground up.

Tactical Hyperconverged Platform

The Core Systems Hyper-Converged 250 Rugged Server can be configured for VMware® with a choice of 2, 3, or 4 nodes. Start with 2 nodes and grow seamlessly to 4 nodes within the same chassis using single node expansion. High-performance SSDs create a resilient storage mesh powered by the leading software-defined storage platform, HPE StoreVirtual VSA. The integrated disaster recovery allows you to use the StoreVirtual Remote Copy feature within HC250RS to replicate to off-site servers. With over two million HPE StoreVirtual licenses issued, millions of virtual machines running on HPE ProLiant Servers, and over 50,000 HPE OneView for VMware® vCenter downloads, customers can be confident that the HPE HyperConverged 250 platform builds on proven virtualization expertise.



Technical Specifications

Environmental Specifications:	Operational Temperature Range: MIL-STD-810F/G, Method 501.5, Procedures I/II; -10C to +50C with solid state drives Storage: MIL-STD-810F/G, Method 501.5, Procedures I/II; -40C to +75C Humidity: MIL-STD-810F/G, Method 507.4; 48 hour, 95% RH 40-65C with humidity option Altitude: MIL-STD-810F/G, Method 500.4; 12,500ft operation with 40,000ft transport Vibration: MIL-STD-810F/G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hzz, 60min/axis with solid state drives Shock: MIL-STD-810F/G, Method 516.6, Procedures I/V; 20g, 11msec functional shock; 40g 11msec crash hazard shock Other: MIL-STD-461F/G CE102 & RE102; Meets using CORESYSTEMS optional 461 EMI Kit
Mechanical:	Height - 5.25 in (13.33 cm), Width - 17.75 in (45.08 cm), Depth - 24.00 in (60.96 cm), Weight - 78 lbs (35.38 kg)
CPU:	Dual Intel® Xeon® E5-2600 v3 series processors with options for 4–18 cores; 1.6 GHz–3.5 GHz CPU speed; 85W–145W
Expansion Slots:	16 x DDR4 slots up to 2,133 MHz 512 GB maximum per slot, up to 2TB per chassis
Network Module:	2 x Fiber/optical 10GB ethernet, serial RJ45 connector, SUV connector (1 serial/2 USB/1 video), optional FlexibleLOM capability (Optional 4 Copper 10GB)
Mounting Options:	24" Slide Rails; Fixed mounting rails front and rear
Power Supply Options:	2 x 800w 120v PSU; 2 x 1400w high line voltage power supplies 2 x 1400w (200V–240v) PSU

Services

Let Core Systems help guide you and your business through the rapidly changing IT landscape. Core Systems Services delivers confidence, reduces risk, and helps you realize greater agility and stability.

Core Systems is a premier manufacturer of best-in-class rugged computers and rugged displays. We design and manufacture all of our products in Poway, California. Our 55,000+ square foot facility features onsite engineering, assembly, and testing along with a complete metal fabrication and machining facility. Core Systems is one of the only vertically integrated rugged computer manufacturers in the nation. Our diverse family of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.

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Learn about the HC250RS GEN9 3U
Rugged Short Depth Server here:
<https://core-systems.com/hc250rs-gen9-3u-rugged-short-depth-server/>

