HYPERSCALE-INSPIRED DESIGN

PowerEdge C5125

With 12 single-socket server nodes in a 3U, the PowerEdge™ C5125 microserver can help you increase your revenue per square foot of data center space, while reducing operating expenses.

Increase revenue per square foot

Every server node, every rack, and every square foot of data center space can impact both the top and the bottom lines of your business.

With the PowerEdge C5125 microserver, you can increase revenue per square foot while decreasing operating expenses. It's right-sized for dedicated hosting, content delivery networks and other lightweight, high-volume applications. It packs 12 single-socket servers in 3U of rack space, providing 4x the density, with 75% less to cool than traditional 1U servers.

Reduce operating expenses

Power, cooling capacity and floor space are valuable resources, as well as line items you can use elsewhere. The PowerEdge C5125 microserver can meet your customers' needs, using fewer racks, switches and cables, space and energy.

Based on the AMD® Phenom™ II and Athlon™ II series processors, the PowerEdge C5125 microserver is right-sized for your workloads so you're not spending capital on features you don't need. In addition, you can order from 4-12 individual server nodes, so you can grow the solution incrementally, at your own pace.

Maximize efficiency

By sharing the PowerEdge C5000 chassis, the power supplies and fans across 12 server nodes, the PowerEdge C5125 microserver is designed for efficiency. In addition to the 92% efficient hot-plug redundant power supplies, PowerEdge C microservers have shared high-efficiency fans.

The PowerEdge C5000 chassis' shared infrastructure is designed to help save energy, space and weight, producing one of the most dense microservers available today.

Simplified serviceability

The PowerEdge C5000 chassis is easily serviceable, containing hot-swap microservers, and power supplies for increased availability. All PowerEdge C5125 microservers are cold-aisle accessible which gives you the flexibility to raise the temperature of your data center and positively impact cooling costs, that ultimately result in lowering your total cost of ownership.

PowerEdge C server line

The PowerEdge C5125 microserver is part of Dell's hyperscale-inspired PowerEdge C server line designed to maximize compute power and minimize space and energy use to lower operational costs. These servers have the right combination of what you need and nothing more.

These are purpose-built servers, designed for Web 2.0, cloud building, telcos, hosters data analytics and high performance computing. They are best for rack deployments, large homogenous cloud/cluster application environments where the software stack provides primary platform availability and resiliency.

Global services and support

Dell is dedicated to simplifying IT, and Dell Services can help you manage the complexities of growing and maintaining your hyperscale, high performance and cloud computing environments. Dell's broad portfolio of planning, implementation and maintenance services can help accelerate your IT initiatives and grow your business. Dell

PowerEdge C5125

- Right-sized for your workload and your wallet

- 4x the density of a traditional 1U server

- Shared infrastructure uses less floor space, power and cooling

- Hot-swap server nodes and power supplies

services can be tailored to complement how you manage your environment.

Feature	PowerEdge C5125 Technical Specifications	
Processors	1-socket, 2 or 4 cores per processor AMD® Phenom™ II X4, Athlon™ II X4, or Athlon II X2 Phenom II X4 L2/L3 cache: 8MB, Athlon II X4/X2 L2 cache: 2MB	
Memory	2GB/4GB DDR3 ECC UDIMM (1333 MHz) 4 DIMM slots for up to 16GB	
Chipset	AMD SR5650+SP5100	
Video	Integrated AST2050 with 128MB RAM Option: Y-cable features single VGA	
Primary Storage	Maximum internal storage: 4TB SATA	
Hard Drives	4 x 2.5" or 2 x 3.5" hard drive options 2.5" SATA (7.2K RPM): 250GB, 500GB, 1TB	3.5" SATA (7.2K RPM): 250GB, 500GB, 1TB, 2TB
Connectivity	Embedded Intel® 82576EB	
Ports - USB	Option: Y-cable featuring 2 x USB ports	
I/O Slots	None	
Drive Controller	Onboard AMD SP5100	
RAID Controller	None	
Operating Systems	Novell® SUSE® Linux Enterprise Server 11 SP1 Red Hat® Enterprise Linux 6.1 Windows® Server 2008 R2 Enterprise x64 SP1 Windows HPC Server 2008 R2 x64 SP1	
Hypervisors (Optional)	Citrix® XenServer™ 5.6 Microsoft® Server 2008 Hyper-V™	
Services (Availability varies by region. Please contact your sales representative for details.)	Infrastructure Consulting Services Rack Integration Onsite Deployment Basic Support 4-Hour Support Keep Your Hard Drive	
Server Management	Embedded BMC with IPMI 2.0 support with 1 x 10/100 Mbps RJ45 connector via the chassis (dedicated) or 1 x NIC port (shared) on the individual server node sled	

Feature	PowerEdge C5000 Chassis Technical Specifications
Chassis	3U rack mount
Power Supplies	Dual hot-plug redundant high-efficiency 1400W power supplies
Fans	N+1 redundant cooling, with 6 x 120mm for the sleds, and 2 x 60 mm for the PSUs. Fan speeds detectable with PWM control.
Server Management	1 x 10/100 Mbps RJ45 connector for dedicated management
Dimensions and Weight	Width: 44.8 cm (17.6 inches) Depth: 75 cm (29.5 inches) Weight Minimum./Maximum: 19.3 kg (42.55 lb), 51.22 kg (99.21 lb)

Dell.com/PowerEdgeC

PowerEdge C

DELL