



HYPERSCALE-INSPIRED DESIGN

# PowerEdge C5125

12-nodes in a 3U shared infrastructure chassis, the PowerEdge™ C5125 microserver delivers efficiency for scaled-out applications with AMD® Phenom™ II and Athlon™ II processors.

## Capitalize on Space and Lower Costs

In hosting environments, as well as many other data centers, power, cooling capacity and floor space are key. The PowerEdge C5125 meets the demanding needs of customers by providing a highly efficient shared infrastructure to help lower costs and save space. Pack up to 12 PowerEdge C5125 microservers into 3U of space with shared mechanicals, fans and power supplies, giving you 4x the density with 75% less to cool than traditional 1U servers.

Based on the AMD Phenom II and Athlon II series processor, the PowerEdge C5125 features independent 1-socket server node that can be ordered with as few as 4 nodes in the 3U chassis allowing you to grow as your customer demand expands. Each single-socket server has up to four hard drives, 4 DIMM slots, and two gigabit Ethernet ports.

## Simplified serviceability and support

The PowerEdge C5000 chassis is easily serviceable, containing hot-swap power supplies, and server nodes 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.

The PowerEdge C microservers are the first PowerEdge C servers available with a 4 hour service support response time!

## Maximize efficiency with microservers

By sharing power supplies, fans and cables across 12 server nodes, the PowerEdge C5000 chassis is designed to enhance energy efficiency and reduce operating costs.

In addition to the 92% efficient hot-plug redundant power supplies, the PowerEdge C5000 chassis has fewer and more efficient fans. The PowerEdge C5000 chassis' shared infrastructure is designed to help save energy, space and weight, producing one of the most dense hyperscale servers available today.

## 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 services can be tailored to complement how you manage your environment. Options include, but are not limited to, infrastructure consulting services to help you optimize your data center, custom rack integration and expert level phone support with fast-track dispatch.

## PowerEdge C5125

- Right sized for your workload and 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

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 2.5" SATA SSD (MLC): 160GB (RTS+)	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 6.0 Windows® Server 2008 R2 Enterprise x64 Windows HPC Server 2008 R2 x64	
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 (U.S. only, not available in China) Onsite Deployment Basic Support with Next Business Day response service ProSupport with Next Business Day or Same Day 4 hour response service 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 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. Fans' 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)	

The PowerEdge C5125 is part of Dell's new hyperscale-inspired PowerEdge C server line designed to maximize compute power and minimize space and energy usage to lower operational costs. These servers have the right combination of what you need and nothing more. These are purpose-built servers, designed for dedicated hosting and Web 2.0 applications. They are best for rack deployments, large homogeneous cloud/cluster application environments where the software stack provides primary platform availability and resiliency.

[Dell.com/poweredgec](http://Dell.com/poweredgec)

PowerEdge C



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