



HYPERSCALE-INSPIRED DESIGN

# PowerEdge C5000 Chassis

The 3U shared infrastructure PowerEdge™ C5000 chassis features maximized density to help save space and lower costs

## Density done right

The PowerEdge C5000 3U form factor chassis builds on your requirements to do more with less by capturing all-important power-saving features in a highly dense architecture to help you increase the revenue per square foot in your data center.

Giving you 4x the density with 75% less to cool, the PowerEdge C5000 chassis utilizes a shared infrastructure that is affordable and efficient so you can offer more compute power, producing one of the most dense hyperscale server chassis available today. In addition to the 92% efficient hot-plug redundant power supplies, the PowerEdge C5000 chassis has fewer and more efficient fans, using 1/6th the amount of fans than a traditional 1U.



## Simplified serviceability

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

## Microservers

PowerEdge C5125 or C5220 microservers are showcased in the PowerEdge C5000 3U chassis.

The PowerEdge C5125 microservers, based on the AMD® Phenom™ II and Athlon™ II series processor, meets the demanding needs of dedicated and Web 2.0 customers by providing up to 12 independent 1-socket server nodes that can be ordered with as few as 4 nodes to allow you to grow as your customer demand expands.

The PowerEdge C5220 microservers are powered by Intel's® Xeon™ E3-1200 series processors. The PowerEdge C5220 microserver was

developed for the demands of dedicated and virtual hosting, CDN, and Web 2.0 applications with feature rich requirements.



## Global services and support

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, and custom rack integration.

## PowerEdge C5000 Chassis

- 4x the density of traditional 1U servers
- Shared infrastructure uses less floor space, power and cooling
- Hot swap server nodes and power supplies

Feature	PowerEdge C5000 Chassis Technical Specifications
Chassis Enclosure	3U rack mount supporting either 8 or 12 sleds
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' speed 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/ Mazimum for 8 sled: 18.3 kg (40.34 lbs.), 45 kg (99.21 lbs.) Minimum/ Maximum for 12 sled : 19.3 kg (42.55 lbs.), 51.22 kg (112.92 lbs.)

The PowerEdge C5000 chassis is part of Dell's new hyperscale-inspired PowerEdge C line designed to maximize compute power and minimize space and energy usage to lower operational costs. Developed to have the right combination of what you need and nothing more.

The C5000 chassis encloses microservers that are designed for hosting, Web 2.0, data analytics, and cloud building environments. They are best for rack deployments, large homogenous cloud/cluster application environments where the software stack provides primary platform availability and resiliency.

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