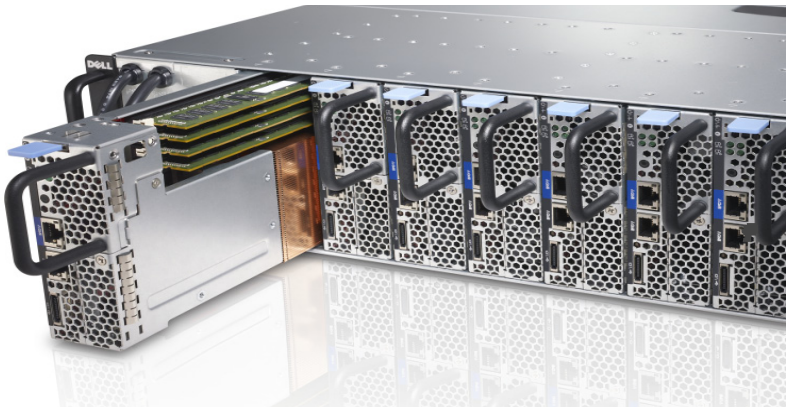

HYPERSCALE-INSPIRED DESIGN

PowerEdge C5220

8 or 12-nodes in a 3U shared infrastructure form factor, the PowerEdge™ C5220 microserver features right-sized performance, delivered with density and efficiency for savings.

Microservers that pack a punch

Up to 8 or 12 PowerEdge C5220 microservers are featured in a PowerEdge C5000 3U form factor chassis. Powered by Intel's® Xeon™ E3-1200 series processors, the PowerEdge C5220 was developed for the demands of dedicated and virtual hosting, content delivery networks (CDN), and Web 2.0 applications.

This third generation microserver builds on your requirement to do more with less by capturing all-important power-saving features, a highly dense architecture, and right-sized computing performance to help you to increase the revenue per square foot in your data center.

With an expanded list of features and storage options, including an optional mezzanine card to enable expansion, the PowerEdge C5220 microserver can handle a wide range of lighter-weight workloads, without compromising on performance for your applications.

The PowerEdge C5000 chassis gives you 4x the density with 75% less to cool by utilizing shared infrastructure so you can offer more compute power while using less floor space.

Simplified serviceability and support

The PowerEdge C5000 chassis is easily serviceable, containing hot-swap power supplies and server nodes for increased availability. All PowerEdge C5220 microservers are cold-aisle accessible, which gives you the flexibility to raise the temperature of your data center and reduce cooling costs, ultimately lowering your total cost of ownership.

Hyperscale inspired 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 C5220

- Powered by Intel® Xeon™ E3-1200 processors
- Designed for hosting, CDN, and Web 2.0 environments
- 4x the density of traditional 1U servers
- 8 or 12 individually serviceable single-socket nodes

Feature	PowerEdge C5220 Technical Specifications	
Processors	1-socket, 2 or 4 cores per processor supporting up to 65W TDP for the 12-sled 1-socket, 2 or 4 cores per processor supporting up to 95W TDP for the 8-sled Intel® Xeon™ E3-1200 series or Core i3-2120 Core i3-2120 & E3-1220L L2/L3 cache: 3MB, E3-12xx L2/L3 cache: 8MB	
Memory	2GB/4GB DDR3 ECC UDIMM (1333 MHz) 8GB DDR3 ECC UDIMM (1333 MHz) 4 DIMM slots for up to 32GB	
Chipset	Intel C204	
Video	Integrated AST2050 with 128MB RAM Option: Y-cable features single VGA	
Primary Storage	Maximum internal storage: 4TB SATA or 6TB SAS	
Hard Drives	4 x 2.5" or 2 x 3.5" hard drive options 2.5" SATA (7.2K RPM): 500GB 2.5" SAS (10K): 300GB, 600GB 2.5" SAS (15K): 146GB	3.5" SATA (7.2K RPM): 500GB, 1TB, 2TB 3.5" NL SAS (7.2K RPM): 3TB 3.5" SAS (15K): 450GB, 600GB
Connectivity	Embedded Intel 82580DB	
Ports - USB	Option : Y-cable featuring 2 x USB ports	
I/O Slots	1 x8 PCIe mezzanine card slot – only available on the 8-sled version Intel 82580DB dual-port 1GbE adapter (optional)	
Drive Controller	Onboard Intel C204 or LSI® 2008 SAS (mezz. card option)	
RAID Controller	Intel C204 RAID: 0, 1, 5, 10, LSI 2008 SAS RAID: 0, 1, 1E, 10	
Operating Systems	Novell® SUSE® Linux® Enterprise Server 11 SP1 Red Hat® Enterprise Linux 6.1 Windows® Server 2008 R2 Enterprise x64 Windows HPC Server 2008 R2 x64 SP1	
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 invididual sled	
Hypervisors (Optional)	Citrix® XenServer® 5.6 Microsoft® Server 2008 Hyper-V™ VMware® ESX 5.0 VMware ESXi 5.0	
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 4-hour response service Keep Your Hard Drive Enterprise Wide Contract Specialized Onsite Services	
Feature	**PowerEdge C5000 Chassis Technical Specifications**	
Chassis	3U rack mount supporting up to 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/ Maximum 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 C5220 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 hosting, Web 2.0, data analytics, and cloud building. They are best for rack deployments, large homogenous cloud/cluster application environments where the software stack provides primary platform availability and resiliency.

Dell.com/PowerEdgeC

PowerEdge C