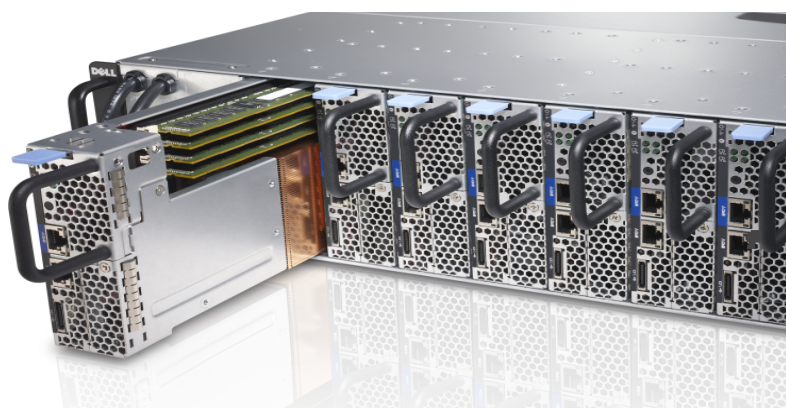




HYPERSCALE-INSPIRED DESIGN



Dell 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/E3-1200 v2 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' shared infrastructure is designed to help save energy, space and weight to deliver a denser microserver.

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, that can ultimately result in 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 94% efficient hot-plug redundant power supplies, PowerEdge C

microservers have shared high-efficiency fans.

PowerEdge C server line

The Dell PowerEdge C5220 is part of Dell's hyper-scale 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 high performance computing, Web 2.0, data analytics, hosting 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.

The PowerEdge C server line does not come with features you don't need like comprehensive systems management, or broad enterprise storage.

PowerEdge C5220

- Powered by Intel® Xeon® E3-1200/E3-1200 v2 series processors
- Designed for hosting, CDN, and Web 2.0 environments
- Shared infrastructure can use less space, power and cooling
- 8 or 12 individually serviceable single-socket server nodes

Feature	PowerEdge C5220 Technical Specifications
Processors	Intel® Xeon® E3-1200 series or Core i3-2120, E3-1200v2, Pentium 350
Memory	4 DIMM slots for up to 32GB 2GB/4GB LV DDR3 ECC UDIMM (1600 MT/s) 2GB/4GB/8GB DDR3 ECC UDIMM (1600 MT/s 1.5v) 2GB/4GB/8GB DDR3 ECC UDIMM (1333 MT/s)
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
Drive Bays and Hard Drives	4 x 2.5" hard drive options: 2.5" SATA (7.2K RPM): 500GB, 1TB 2.5" SAS (10K): 300GB, 600GB, 900GB 2.5" SAS (15K): 146GB, 300GB 2.5" SSD (eMLC): 100GB, 200GB 2.5" SATA SSD (MLC): 160GB, 300GB 2 x 3.5" hard drive options: 3.5" SATA (7.2K RPM): 500GB, 1TB, 2TB, 3TB 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) Intel X540-AT2 dual-port 10GbE Base-T (mezzanine option)
Drive Controller	Onboard Intel C204 or LSI® 2008 SAS (mezzanine 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 SP2 Red Hat® Enterprise Linux® Microsoft Windows® Server 2008 R2 Enterprise x64 Microsoft 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 individual sled
Hypervisors (Optional)	Citrix® XenServer® Microsoft Windows® Server 2008 R2 Hyper-V® SP1 VMware® ESX™, ESXi™
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

Global services and support

Dell is dedicated to simplifying IT, and Dell Services can help you manage the complexities of growing and maintaining your scale-out 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 consulting services to help you optimize your data center, custom rack integration, and expert-level support to ensure maximum system uptime.

Learn more at Dell.com/PowerEdgeC

