PowerEdge C4130

With up to four high-performance PCIe accelerators per 1U server, the PowerEdge C4130 delivers industry-leading compute density with an extremely flexible and balanced architecture for the most demanding technical computing workloads.

The PowerEdge C4130 provides supercomputing agility and performance in an ultra-dense platform purpose-built for high-performance computing (HPC) and virtual desktop infrastructure (VDI) workloads. Speed through complex research, simulation and visualization problems in medicine, finance, energy exploration, and related fields without compromising on versatility or data center space.

Deliver peak performance

Get results faster with greater precision by combining up to two Intel® Xeon® E5-2600 v4 processors and up to four 300W dual-width PCIe accelerators in each C4130 server. Support for NVIDIA® Tesla® GPUs and Intel Xeon Phi™ coprocessors along with up to 1TB* of DDR4 memory gives you ultimate control in matching your server architecture to your specific performance requirements.

Discover greater versatility

Enable extreme I/O flexibility for workload optimization with up to two PCIe 3.0 expansion slots and an optional 96-lane PCIe 3.0 switch that allows accelerators to be pooled across processors. Support for InfiniBand® EDR and NVIDIA® GPUDIRECT™ lets you tailor data throughput and reduce latency, while support for InfiniBand EDR protects your IT investment and reduces TCO.

Maximize operational efficiency

Optimize data center energy use with granular control of power and cooling using intuitive management tools that improve IT productivity and drastically reduce time spent on deployment and support tasks. Fault-tolerant cooling and redundant power supply options further increase server uptime and reduce costly interruptions for mission-critical applications.

Innovative management with intelligent automation

The Dell OpenManage systems management portfolio includes innovative solutions that simplify and automate essential server life cycle management tasks — making IT operations more efficient and Dell servers the most productive, reliable and cost effective. Leveraging the agent-free capabilities of the integrated Dell Remote Access Controller (iDRAC) with Lifecycle Controller technology, server deployment, configuration and updates are streamlined across the OpenManage portfolio and through integration with third-party management solutions.

Monitoring and control of Dell and third-party data center hardware is provided by OpenManage Essentials and with anytime, anywhere mobile access, through OpenManage Mobile. OpenManage Essentials also delivers Server Configuration Management capabilities that automate one-to-many server and OS deployments, quick and consistent replication of configurations, and ensure compliance to a predefined baseline with automated drift detection.

PowerEdge C4130

- Up to four 300W PCIe accelerators per 1U server
- Supports NVIDIA GPUs and Intel coprocessors
- Uniquely balanced CPU/GPU configurations for a range of demanding workloads
- IDRAC8 embedded systems management

*Requires 64GB LRDIMMs when avaialble.

Feature	PowerEdge C4130 technical specification		
Form factor	1U rack server		
Processor	Intel® Xeon® processor E5-2600 v4 product family **Processor sockets**: 2 **Chipset**: C612 series **Internal interconnect**: Up to 9.6GT/s		
Memory	DDR4 DIMMs at up to 2400MT/s; 16 DIMM slots: 4GB/8GB/16GB/32GB/64GB		
Supported GPUs	NVIDIA Tesla K40, K80, M60		
Network controller	2 x 1GbE LOM		
I/O slots	Up to 2x PCIe 3.0 low-profile adapters (back) Support for InfiniBand® EDR, FDR and NVIDIA® GPUDIRECT Optional 96-lane PCIe 3.0 switch for certain accelerator configurations 4 x16 PCIe slots (front) for the GPU		
Storage	Up to 2 x 1.8" SATA SSD boot drives Optional data drive tray supports up to 4 x 2.5" SAS/SATA drives Optional 12Gb/s SAS and 6Gb/s SATA (with PERC9 card)		
RAID controller	**Optional internal controller**: PERC H330, H730, H730P and H810		
Power supplies	1100W, 1600W, 2000W hot-plug power supply unit (PSU) Redundant PSU (1+1) option available		
Systems management	**Systems management:** IPMI 2.0 compliant; Dell OpenManage Essentials; Dell OpenManage Mobile; Dell OpenManage Power Center **Remote management:** iDRAC8 with Lifecycle Controller, iDRAC8 Express (default), iDRAC8 Enterprise (upgrade) 8GB vFlash media (upgrade), 16GB vFlash media (upgrade) iDRAC Quick Sync	**Dell OpenManage Integrations:** • Dell OpenManage Integration Suite for Microsoft® System Center **Dell OpenManage Connections:** • HP Operations Manager, IBM Tivoli® Netcool® and CA Network and Systems Management • Dell OpenManage Plug-in for Oracle® Database Manager	
Operating systems	Microsoft Windows Server® 2012 Microsoft Windows Server 2012 R2 Novell® SUSE® Linux Enterprise Server Citrix® XenServer® Red Hat® Enterprise Linux VMware® ESX® For information on specific operating systems and additions, visit Dell.com/OSsupport.		
Recommended support	Dell ProSupport Plus for critical systems or Dell ProSupport for premium hardware and software support for your PowerEdge solution. Consulting and deployment offerings are also available. Contact your Dell representative today for more information. Availability and terms of Dell Services vary by region. For more information, visit Dell.com/ServiceDescriptions.		

End-to-end technology solutions

Reduce IT complexity, lower costs and eliminate inefficiencies by making IT and business solutions work harder for you. You can count on Dell for end-to-end solutions to maximize your performance and uptime. A proven leader in Servers, Storage and Networking, Dell Enterprise Solutions and Services deliver innovation at any scale. And if you're looking to preserve cash or increase operational efficiency, Dell Financial Services™ has a wide range of options to make technology acquisition easy and affordable. Contact your Dell Sales Representative for more information.**

Learn More at Dell.com/PowerEdge.