

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 scale-out high-performance computing (HPC) workloads. Speed through the most 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 v3 processors and up to four 300W dual-width PCIe accelerators in each C4130 server. Support for an array of NVIDIA® Tesla™ GPUs and Intel Xeon Phi™ coprocessors along with up to 256GB 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® FDR and NVIDIA GPUDIRECT™ lets you tune data throughput and reduce latency according to your demands. Future support for InfiniBand EDR further protects your IT investment and reduces your total cost of ownership (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 cut 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 lifecycle management tasks — making IT operations more efficient and Dell servers the most productive, reliable and cost effective. Leveraging the incomparable agent-free capabilities of the PowerEdge embedded 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 now also delivers Server Configuration Management capabilities that automate one-many PowerEdge bare-metal 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
- Five uniquely balanced CPU and accelerator configurations
- IDRAC8 embedded systems management

Feature	PowerEdge C4130 technical specification
Form factor	1U rack server
Processor	Intel® Xeon® processor E5-2600 v3 product family **Processor sockets**: 2 **Chipset**: C612 series **Internal** interconnect: Up to 9.6GT/s
Memory	DDR4 DIMMs at up to 2133MT/s; 16 DIMM slots: 4GB/8GB/16GB
Network controller	2 x 1GbE LOM
I/O slots	Up to 2x PCIe 3.0 low-profile adapters (back) Support for InfiniBand FDR and Nvidia GPUDIRECT Optional 96-lane PCIe 3.0 switch for certain accelerator configurations
Storage	Up to 2 x 1.8" SATA SSD boot drives
RAID controller	**Optional internal controller**: PERC H330
Power supplies	1600W 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 Integration for VMware® vCenter™ **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	Red Hat® Enterprise Linux For more information on the specific versions and additions, visit Dell.com/OSsupport.
OEM-ready version available	From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you. For more information, visit Dell.com/OEM.
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.

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