

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*



POWEREDGE R630

With computing capability previously only seen in 2U servers, the ultra-dense PowerEdge R630 two-socket 1U rack server delivers an impressive solution for virtualization environments, large business applications or transactional databases.

The PowerEdge R630 server is versatile and highly configurable for a variety of solutions, delivering the latest Intel® Xeon® processor E5-2600 v4 product family, 24 DIMMs of high-performance DDR4 memory and a broad range of local storage options.

Deliver peak performance

Build a blazingly fast transactional database with the R630 24 all-flash drive configuration. Combine the density, scalability and performance of 24 x 1.8" SSDs with dual-PERC capability to deliver a superior solution that can boost performance by storing an entire database. When combined with the SanDisk® DAS Cache solution, the R630 can help increase OLTP transactions and concurrent usage for latency-sensitive applications, such as e-commerce or financial trading.

Discover greater versatility

With up to 24 DIMMs of memory, and configured with up to 10 2.5" drives, the R630 can provide a dense, resource-rich midsize virtualization environment to drive business intelligence applications, from customer relationship management (CRM) to enterprise-resource planning (ERP), while it saves on space, energy and capital costs.

You can also increase the speed of data access using up to four NVMe PCIe Express Flash devices with Fluid Cache technology—and share that caching advantage across other networked servers.

Maximize operational efficiency

Quickly and securely monitor or modify critical server settings “at the box” with the iDRAC Quick Sync bezel with embedded near field communication (NFC) capability. Use a handheld device with the bezel to quickly check system health details, and use iDRAC Direct to easily deploy or modify settings across multiple servers with a USB key or laptop, eliminating the potential for configuration errors.

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 EMC servers the most productive, reliable and cost effective. Leveraging the incomparable agent-free capabilities of the 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 R630

- Latest Intel Xeon E5-2600 v4 processors — up to 22 cores
- Up to 24 DIMMs high-capacity DDR4 memory
- Up to 24 1.8" SSDs (23TB)
- Up to 3 PCIe 3.0 expansion slots
- Up to 4 Express Flash NVMe PCIe SSDs

Feature	Technical specification	
Form factor	1U rack server	
Dimensions	24 x 1.8" and 10 x 2.5" drive configuration: H: 4.28 cm (1.68 in), W: 48.23 cm (18.98 in), D: 75.51 cm (29.72 in) 8 x 2.5" drive configuration: H: 4.28 cm (1.68 in), W: 48.23 cm (18.98 in), D: 70.05 cm (27.57 in)	
Processor	Intel® Xeon® processor E5-2600 v4 product family	
Processor sockets	2	
Cache	2.5MB per core; core options: 4, 6, 8, 10, 12, 16, 18, 22	
Chipset	Intel C610 series chipset	
Memory[1]	Up to 1.5TB (24 DIMM slots): 4GB/8GB/16GB/32GB/64GB DDR4 up to 2400MT/s	
I/O slots	Up to 3 x PCIe 3.0 slots plus dedicated PERC slot	
RAID controllers	**Internal controllers:** PERC S130 (SW RAID), PERC H330, PERC H730, PERC H730P **External HBAs (RAID):** PERC H830 **External HBAs (non-RAID):** 12Gbps SAS HBA	
Drive bays	**Internal hard drive bay and hot-plug backplane:** Up to 24 x 1.8" SATA SSD Up to 10 x 2.5" HDD: SAS, SATA, nearline SAS SSD: SAS, SATA, Up to 4 NVMe PCIe Up to 8 x 2.5" HDD: SAS, SATA, nearline SAS SSD: SAS, SATA	
Maximum internal storage[1]	HDD: SAS, SATA, nearline SAS SSD: SAS, SATA, NVMe PCIe 24 x 1.8" SSD – up to 23TB via 0.96 TB hot-plug SATA SSD 10 x 2.5" – up to 18TB via 1.8TB hot-plug SAS HDD 8 x 2.5" – up to 14TB via 1.8TB hot-plug SAS HDD	
Embedded NIC	4 x 1Gb, 2 x 1Gb + 2 x 10Gb, 4 x 10Gb	
Power supplies	Titanium efficiency 750W AC power supply; 1100W DC power supply; Platinum efficiency 495W, 750W, 1100W	
Availability	ECC memory, hot-plug hard drives, hot-plug redundant cooling, hot-plug redundant power, internal dual SD module, single device data correction (SDDC), spare rank, support for high availability clustering and virtualization, proactive systems management alerts	
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
Rack support	ReadyRails™ II sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded hole racks, with support for optional tool-less cable management arm.	
Operating systems	Microsoft Windows Server® 2008/2012 SP2, x86/x64 (x64 includes Hyper-V®) Microsoft Windows Server 2008/2012 R2, x64 (includes Hyper-V) Novell® SUSE® Linux Enterprise Server Red Hat® Enterprise Linux	**Optional embedded hypervisors:** Citrix® XenServer® VMware vSphere® ESXi™ 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.	

[1]GB equals 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

Recommended services

ProSupport Plus with SupportAssist provides proactive and predictive support for critical systems. ProSupport provides comprehensive hardware and software support. Get more from your technology starting on day one with ProDeploy Enterprise Suite deployment offers. For more information, visit Dell.com/itlifecycleservices.

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 EMC for end-to-end solutions to maximize your performance and uptime. A proven leader in Servers, Storage and Networking, Dell EMC 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

* Leasing and financing provided and serviced by Dell Financial Services L.L.C. or its affiliate or designee ("DFS") for qualified customers. Offers may not be available or may vary in certain countries. Where available, offers may be changed without notice and are subject to product availability, credit approval, execution of documentation provided by and acceptable to DFS, and may be subject to minimum transaction size. Offers not available for personal, family or household use.

v.2 Copyright © December 6, 2016 Dell Inc. or its subsidiaries. All Rights Reserved.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP