



CoreStation® WR3930 Compact Performance Workstation

Datasheet

Compact and powerful 1U rack workstation

Centralized workstation for secure anywhere access

The Amulet Hotkey CoreStation WR3930 packs professional workstation performance in a compact data center optimized platform. Centralize your workstations to:

- protect sensitive data and valuable intellectual property in the data center;
- deliver mobility without compromising performance;
- boost productivity and team collaboration.

Data center Optimized for scalability and reliability

The CoreStation WR3930 is based on the Dell Precision 3930 workstation with Amulet Hotkey Remote Workstation Graphics cards to deliver superior scalability, reliability and performance.

- **Efficient use of PCIe slots:** the DXP4 is the only quad display remote workstation graphics card that combines two PCIe cards into one to support additional workstation configurations
- **Extreme density:** the WR3930 delivers a workstation-class processor and Pro GPU workstation in 1U of rack space to minimize datacenter footprint
- **Increase uptime:** redundant power and a controlled environment improve availability and hardware lifespan. Failover users without visiting the desk
- **Simplify management:** using the free Dell Client Command suite toolkit for flexible and automated BIOS and system configurations and optional vPro extensions for out of band management systems

Dedicated power and performance

Deliver dedicated and powerful performance with professional processors, graphics and large memory to handle demanding workloads.

- **Processor Flexibility:** choose from Intel Xeon E-2100 family or Core i7, i5, i3
- **Fast Speeds:** Up to 3.8 GHz base to 4.7 GHz boost core speeds for single-threaded task performance. Memory speeds up to 2666MHz
- **GPU acceleration:** NVIDIA Quadro or AMD FirePro professional GPUs for graphics and compute acceleration performance
- **Remote Display Protocol Acceleration:** Teradici PCoIP processor for an exceptional and responsive workstation experience

Need to virtualize your workstation?
See Amulet Hotkey's [CoreStation V series solutions](#)

www.amulethotkey.com

Key Features

- Secure anywhere, anytime access to performance workstation
- Compact design and short depth to minimize its data center footprint
- Affordability and performance with 8th Generation Intel Core or Intel Xeon processors
- NVIDIA and AMD professional graphics including Multi-GPU support
- Windows and Linux OS options
- Multi-display configuration flexibility with up to eight displays, using Amulet Hotkey remote workstation graphics cards

Remote access

- Remote connections can be local, across country or continent-to-continent
- Hardware PCoIP encoding for exceptional performance including real-time video and demanding 3D graphics
- Support for Amulet Hotkey zero clients, with options for software/mobile clients

Security and reliability

- Only display pixels, USB and audio are sent from the workstation to the client endpoint, keeping sensitive apps/data in the data center
- Extensive security features with 256-bit AES encryption, smartcard, SIPR tokens and more

Developed in partnership with...



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Related Products



[DXZ4 Zero Client](#)

Secure access device

Preliminary information. Technical specification and product appearance are subject to change

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CoreStation WR3930 Specifications

Form factor	1U rack workstation
Processors	8th Generation Intel Core i3, i5, and i7 or Intel® Xeon® Processor E-2100 family, up to 3.8GHz, up to 4.7GHz Turbo, 4C, 4C/8T and 6C/12T options, up to 12M cache
Operating Systems	Microsoft Windows 10 (64-bit): Professional and Enterprise Linux: contact us for Linux options
Chipset	Intel® C246
Memory	Up to 64GB non-ECC and ECC Registered DDR4, 4 dual-channel UDIMM slots, speeds up to 2666MT/s
Drive Bays	Up to 2x 3.5" or 4x 2.5" SAS/SATA (HDD/SSD), or NVMe SSD, 2x M.2 PCIe SSD slots on motherboard, max 20TB
Storage Controllers	Integrated Intel Rapid Storage Controller 12.0 supporting SATA 6Gbps and host-based RAID 0/1/5/10
Network	Integrated: Intel 1GE and 10GE ports. Optional: Intel i210 single port 1GE, Intel X550 dual-port 10GE add-in-cards
Expansion slots	Top/bottom slots: PCIe Gen3 slots for DXP4 cards Top right: 1x full height single-width PCIe Gen3 x4 for optional add-in-card.
IO ports	Front: 1x Audio Jack, 1x USB3.1 Type C, 2x USB 3.1 Type A, 1x SD card reader Internal: 1x USB3.1 (USB storage key) Rear: 2x USB 3.1 Type C, 1x remote power switch connector, 1x serial port, 2x RJ45
Security	Options for TPM 1.2/2.0, chassis intrusion switch, setup/BIOS password, IO interface security, lockable front bezel, Dell Data Guardian and Endpoint Security Suite Enterprise
Management	Dell Client Command Suite toolkit for flexible and automated BIOS and system configurations. Optional Intel vPro Technologies for advanced out of band management (vPro must be selected at point of purchase)
Power supply	One or two redundant hot-pluggable 550W (80PLUS Platinum certified)

Amulet Hotkey DXP4 Remote Workstation Graphics Cards

Card Type	A multi-function PCIe controller that supports HD Audio and a USB host controller for remoting displays, USB and audio	
Bus Type	Single-width, full-height/half-length PCIe x8	
Processor	Teradici TERA2240 PCoIP processor	
Graphics	See GPU options below (one per DXP4 card)	
Local video output	DisplayPort (Active cooling only) to connect to a local monitor.	
Display resolution	One DXP4 card: up to dual 2560x1600 or up to quad 1920x1200 Two DXP4 cards: up to quad 2560x1600 or up to octal 1920x1200	
Network	DXP4 models:	Single RJ45 port- 10/100/1000 BaseT
	DXP4-M models:	Single SFP module- fiber or copper (1 Gbit/s or 100 Mbit/s) Available modules are listed in the SFP Modules Datasheet
Encryption	256-bit or 128-bit AES, NSA Suite B ciphers	
USB	Remote USB ports provided by client endpoint	
Connection options	Integrated direct connect or 3rd party brokers such as Leostream or VMware Horizon	
Client compatibility	Hardware zero clients:	Amulet Hotkey DXZ clients
	Software clients:	VMware Horizon, Citrix Receiver, Teradici PCoIP client and TGX Receiver

Professional Graphics Options

Model	GPU	Memory	Memory BW	Cores	Cooling type
DXP4-M2200	NVIDIA Quadro M2200	4GB GDDR5	106 Gbps	1024	Passive
DXP4-S4000X	AMD FirePro S4000X	2GB DDR5	72 Gbps	640	Passive/Active

Anywhere, anytime access to powerful workstation graphics!