



## CoreStation® WC740 1U Rack Workstation

### Datasheet

CoreStation WC740 workstation performance with support for multiple GPUs and a data center friendly footprint

#### Centralized workstation for secure anywhere access

The Amulet Hotkey CoreStation WC740 packs performance in a 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 WC740 is based on the Fujitsu CELCIUS C740 workstation with Amulet Hotkey Remote Workstation cards for superior reliability and performance.

- **Efficient use of PCIe Slots:** the DXP4 is the only quad display remote workstation card with a built-in GPU that can fit in the half-length slot. This makes room for an additional GPU or other PCIe cards.
- **Secure anywhere access:** KVM extender cards for remote workstation access using DXH4 low-profile or DXP4 2-in-1 cards with GPU
- **Simplify management:** Integrated Remote Management Controller and Fujitsu DeskView tools help simplify management and monitoring tasks

#### Dedicated power and performance

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

- **More cores:** up to 22 cores per CPU for compute intensive workloads
- **Fast speeds:** up to 3.7 GHz core speeds for single-threaded task performance. Memory speeds up to 2400 MHz
- **More GPUs:** up to two GPUs including AMD Radeon Pro and NVIDIA Quadro professional GPUs for graphics and compute acceleration performance
- **Remote display protocol acceleration:** a Teradici PCoIP processor gives an exceptional and responsive workstation experience

#### Key Features

- Secure anywhere, anytime access to performance workstations
- Data center optimized to simplify management and reduce footprint
- Powerful performance using a multi-core Intel Xeon processor and multiple GPUs including AMD Radeon Pro and NVIDIA Quadro professional GPUs
- Windows and Linux OS options
- Support up to eight displays using two Amulet Hotkey DXP4 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
- Remote display protocol options for Teradici PCoIP, VMware Blast, Citrix HDX and Mechdyne TGX
- Support for Amulet Hotkey zero clients, options for software/mobile clients

#### Security and reliability

- Only display pixels are sent from the workstation to the client endpoint, so no sensitive data ever reaches the client
- Extensive security features with 256-bit AES encryption, smartcard, SIPR tokens and more

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### CoreStation WC740 Rack Workstation specifications

Form factor	1U rack workstation
Processors	One Intel® Xeon® E5-2600 v4 or E5-1600 v3 processor, up to 3.7GHz, up to 22C/44T, up to 55MB cache.
Operating systems	Microsoft Windows 10 Professional (64-bit), Enterprise (64-bit) Microsoft Windows 7 Professional (64-bit), Enterprise (64-bit) Red Hat Enterprise Linux (RHEL) 7.1 or later (64-bit) Novell SUSE Linux Enterprise Desktop 11 SP4
Memory	Up to 512GB ECC Registered DDR4, 4x memory channels, 8x DIMM slots, RDIMM speeds up to 2400MT/s
Chipset	Intel® C621 series
Drive bays	Up to 4x 2.5" SATA/SAS HDD/SSD. Options for 1x M.2 NVMe PCIe SSD, PCIe SSD card, SATA DOM and DVD drive
Storage controllers	<b>Integrated:</b> Intel AHCI 6 port 6 Gbps SATA, RAID 0/1/10/5 <b>Optional:</b> LSI SAS RAID controllers: D3216 RAID 5, 8port 12Gbps internal or D3227 RAID 0/1, 8port 12Gbps internal
Network	<b>Base:</b> 10/100/1000 Intel i217 <b>Optional:</b> Intel X550 2x 10GE, Intel X710 2x 10GE <b>Integrated:</b> 10/100/1000 Intel i210 for iRMC
Expansion slots	<b>PCIe Gen3 slots:</b> 2x full height/full length PCIe x16, 1x full height/half-length, PCIe x8. All slots x16 mechanically.
Graphics	Supports up to two GPUs: Up to one double-width GPUs Up to two single-width GPUs
IO Ports	<b>Front:</b> 2x USB2.0 <b>Internal:</b> 1x USB3.0, microSD for eLCM <b>Rear:</b> 2x USB 3.0, 1x RJ45 network, 1x RJ45 and VGA for iRMC <b>Optional:</b> RS-232 serial
Security	Options for TPM 2.0, case lock / intrusion switch, boot sector virus protection, HDD/ setup/BIOS passwords, IO interface security
Embedded management	Integrated Remote Management Controller iRMC S4, embedded Lifecycle Management Controller eLCM, IPMI support, DeskUpdate, DeskView 10 software
Power Supply	800W non-redundant hot-pluggable

### Amulet Hotkey KVM Extender / Remote Workstation Card Options

Form factor	<b>DXH4:</b> PCIe x1 low profile <b>DXP4:</b> PCIe x8 full height/half length (with built-in GPU)
Card type	DXH4 / DXP4 cards are multi-function PCIe controllers supporting: Graphics, HD Audio and USB host controller for remoting displays, USB and audio
Processor	Teradici TERA2240 PCoIP processor (one per DXH4 or DXP4 card)
Graphics	DXP4 GPU options: NVIDIA Quadro M2200, 4GB GDDR5, 1024 cores AMD FirePro S4000X, 2GB GDDR5, 640 cores
Display resolutions	<b>One card:</b> Up to dual 2560x1600 or up to quad 1920x1200 <b>Two cards:</b> Up to quad 2560x1600 or up to octal 1920x1200
Network	Network port for PCoIP remote display protocol: DXH4/DXP4: RJ45 10/100/1000 DXH4-M/DXP4-M: SFP slot for 100Mbps or 1Gbps copper or fiber modules
Encryption	256-bit or 128-bit AES, NSA Suite B ciphers
IO Ports	Remote USB and audio ports provided by client endpoint
Connection options	Integrated direct connection options Connection broker options: VMware Horizon, Leostream
Client compatibility	<b>Hardware zero clients:</b> Amulet Hotkey DXZ clients <b>Software clients:</b> VMware Horizon, Citrix Receiver, Teradici PCoIP and TGX Receiver

**Anywhere, anytime access to powerful workstation graphics!**