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BCD

BCD208-EWS

BCD Enterprise Cyber Hardened 2U 8-Bay Rackmount Video Workstation

ENTERPRISE 2U RACKMOUNT SCALABLE, HIGH PERFORMANCE VIDEO WORKSTATION

The BCD208-EWS enterprise 2U video workstation boasts exceptional performance within its scalable chassis. Optimized for performance demanding video surveillance applications, such as large scale video walls, this workstation uses the latest hardware to deliver results.

Support for up to (4) NVIDIA® single-slot GPUs and (2) Intel® Xeon® Scalable Processors guarantees computing performance. (24) DDR4 DIMMs provide up to 1.5TB of DDR4 LRDIMM ECC RAM for ample memory resources for immense bandwidth applications.

Video storage options are available with up to six 3.5" enterprise SAS or SATA hard drives and support of RAID 0/1/5/6/10 for data protection and optimized performance. Dual 1100W platinum rated power supplies provide proper power resources for all onboard hardware. The BCD208-EWS also comes with BCDVideo's standard 5-year, on-site, next business day, Keep Your Hard Drive warranty.

All appliances are built in-house in BCD's secure facilities. BCD's operations have been assessed by DQS Inc, who certified that we meet the ISO 9001:2015 standard of maintaining a Quality Management System.

KEY FEATURES

🔒 **Cyber Hardened Video Appliance**

🖥 **NVIDIA GPU and Intel Integrated Graphics**

▥ **Up to (2) Intel® Xeon® Scalable**

⊞ **Processors Windows 10 Pro**

▭ **SSD, SATA & SAS Drives**

▦ **Up to 1.5TB DDR4 LRDIMM RAM**

✓ **5-Year Keep Your Hard Drive Warranty**

♪ **20 Harmonize RMM Licenses**

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SYSTEM

Operating System
Windows 10 Pro

Memory
Single Processor: 16GB (2x 8GB)
Dual Processors: 32GB (4x 8GB)
Maximum Configuration: Up to 1.5TB
LRDIMM, 768TB RDIMM
(24x DDR4 DIMMs Slots)

Processor(s)
Up to (2) Intel® Xeon® Silver 4210
Scalable Processors
(Up to 10 Cores, 20 Threads, 3.20GHz)

Processor Passmark
Intel® Xeon® Silver 4210: 14,506
Dual Intel® Xeon® Silver 4210: 20,975

Networking
Single Processor: (4) 1GbE RJ45 Ports
Dual Processors: (2) 1GbE RJ45 Ports,
(2) 10GbE SFP+ Ports

Expansion Slot
Single Processor: (1) Full-Height PCIe x16, (1)
Full-Height PCIe x8, (1) Low- Profile PCIe x8
Dual Processors: (2) Full-Height PCIe x16, (3)
Full-Height PCIe x8, (1) Low- Profile PCIe x8

USB(s)
Rear: (2) USB 3.1 Type A;
Front: (1) USB 3.0 Type A, (2) USB 2.0

Video Outputs
(1) VGA Front & (1) VGA Rear

Remote Management
iDRAC Express

MECHANICAL

Form Factor
2U Rackmount

Power Supply(s)
(2) 1600W (100-240VAC) 80 Plus Platinum or
(2) 1100W (100-240VAC) 80 Plus Platinum

Operating Temperature
(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]

Operating Humidity
10 ~ 80% (non-condensing)

Heat Dissipation
1100W PSU's: 3001 Max BTU/hr
1600W PSU's: 4365 Max BTU/hr

Dimensions (WxDxH)
19" (482.6mm) x 28.17" (715.5mm) x 3.42" (86.8mm)

Max. Weight
63.05 lbs. (28.6kg)

Warranty
5-Year, On-site, NBD, Keep Your Hard
Drive Warranty

GRAPHICS

Available GPU(s)

NVIDIA® Quadro® T400 or
T1000 or A2000, RTX 4000,
RTX A4500

Video Outputs
(1) VGA Front & (1) VGA Rear