

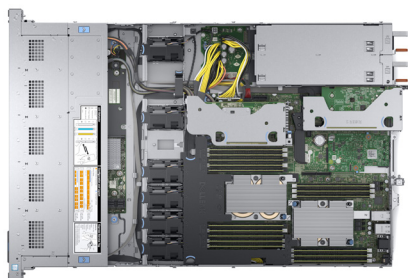
EPS-108(X)

1U 8-Bay Rackmount Multi-Purpose Server










1U ENTERPRISE SERVER, OPTIMIZED FOR HIGH PERFORMANCE APPLICATION PROCESSING

The EPS-108 delivers purpose-built performance for enterprise IP video surveillance applications. The 1U, 2-socket video server allows the use of SSDs and SATA drive technology and comes standard with BCD's Harmonize Conductor Suite for iDRAC server management within the VMS, hybrid cloud connectivity and disaster recovery.

With up to (2) Intel® Xeon® Scalable processors and 16 DIMM slots, this server delivers high throughput and is ideal for high-intensity workloads. Optimize I/O with dual OS SSD drives and Seagate SkyHawk AI hard drives. Redundant power ensures high system availability, guaranteeing reliability in any deployment.



KEY FEATURES

-  Up to 2100 Mbp/s Recording Rate
-  Up to 23TB of Raw Storage
-  Intel® Xeon® Silver 4216 Scalable Processors
-  Windows Server 2019
-  Harmonize Conductor Suite
 - iDRAC Server Management via the VMS
 - Disaster Recovery
 - Hybrid Cloud Connectivity
-  SSD & SATA Drives
-  Redundant Power
-  RAID Options 0, 1, 5, 6, 10
-  5-Year Keep Your Hard Drive Warranty

**Based upon these parameters: 2 MP at 15FPS, H.264, 24-hour recording for 30 days.*

FOR MORE INFORMATION: bcdvideo.com | sales@bcdinc.com | +1.847.205.1922
 TECH SUPPORT: support@bcdinc.com

EPS-108(X)

1U 8-Bay Rackmount Multi-Purpose Server

SYSTEM

Operating System

Windows Server 2019

Memory

Single Processor: 16GB (2x 8GB)
Dual Processor: 32GB (4x 8GB)
Maximum Configuration: Up to 1TB LRDIMM
(16x DDR4 DIMMs Slots)

Processor(s)

Up to (2) Intel® Xeon® Silver 4216 Scalable Processors (16 Cores, 32 Threads, 3.20GHz) or (1) Xeon® E-2236 (6 Core, 12 Threads, 4.80GHz)

Processor Passmark

Intel® Xeon® Silver 4216: 18,561
Dual Intel® Xeon® Silver 4216: 26,171
Intel® Xeon® E-2236: 14,456

Networking

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

Expansion Slots

Single Processor: (1) PCIe x16 full-height
Half Length PCIe slot
Dual Processor: (2) PCIe x16 Half Height
Half Length low-profile slots

USB(s)

Rear (2) USB 3.0, Front (2) USB 2.0,
Internal (1) USB 3.0

Video Outputs

(1) VGA Port Front & (1) VGA Port Rear

Remote Management

iDRAC Enterprise

MECHANICAL

Form Factor

1U Rackmount

Power Supply(s)

Single Processor: (2) 350W (100-240VAC) 80 Plus Platinum
Dual Processor: (2) 550W (100-240VAC) 80 Plus Platinum

Operating Temperature

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

Operating Humidity

10 to 80% (non-condensing)

Heat Dissipation

1500 Max BTU/hr

Dimensions (WxDxH)

17.08" (434mm) x 28.13" (714.62mm) x 1.68" (42.8mm)

Max. Weight

35.36 lbs. (16.03kg)

Warranty

5-Year, On-site, Next Business Day, Keep Your Hard Drive Warranty

Manufacturer

BCD

STORAGE

Hard Drive Bays

(8) 2.5" Hot Swappable Bays
(2 used for the OS)

Hard Drives Supported

PCIe NVMe, & SATA

RAID

RAID 0, 1, 5, 6, 10

RAID Controller

PERC H730P (2GB NV Cache)

Maximum Storage

Up to 23TB (6x 3.84TB 2.5" HDDs)



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