

GEN-1011E-R6

2U 6-Bay Rackmount Video Recording Appliance

BCDVIDEO APPLIANCE FOR SUPERIOR VIDEO PROCESSING

Benefit from scalable storage performance and video processing with the GEN-1011E-R6 server. This 2U, 2-socket platform brings you the scalability and performance to adapt to a variety of Security Center applications.

Up to 72TB of raw storage is provided by up to four 24/7 duty cycle SATA drives. Paired with an Intel® Xeon® Scalable processor, this appliance provides high-density storage for Security Center throughput for the most demanding applications.

Ease of operation is provided with dual OS SSDs for accelerated boot and application load times. RAID 5/6 storage options and dual redundant 1100W power supplies provide system high availability while a five-year, on-site, next business day, Keep Your Hard Drive warranty guarantees your peace of mind.

BCD's exclusive Harmonize Bridge, powered by Tiger Technology, includes full data protection, backup and archive, and instant disaster recovery, while delivering cloud scale and services without any disruption to your workflows. The flexibility within the GEN-1011E-R6 allows for on-premise recording, cloud recording, or both simultaneously.



KEY FEATURES

-  **Up to 128 Channels***
-  **Up to 406.4 Mbp/s Recording Rate**
-  **Up to 72TB of Raw Storage**
-  **Intel® Xeon® Silver Processors**
-  **Windows 10 IoT Enterprise**
-  **Harmonize Bridge, powered by Tiger Technology**
 - Hybrid Cloud Connectivity
 - Disaster Recovery
-  **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.*

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SYSTEM

Operating System

Windows 10 IoT Enterprise

Memory

Standard Configuration: 16GB (2x 8GB)
Maximum Configuration: Up to 768GB
RDIMM, 1.5TB LRDIMM, 192GB NVDIMM
(24x DDR4 DIMM Slots)

Processor(s)

Intel® Xeon® Silver 4208 Scalable
Processor (Up to 8 Cores, 16 Threads,
3.20 GHz per processor)

Processor Passmark

Intel® Xeon® Silver 4208: 11,163

Networking

(4) 1GbE RJ45 Ports

Expansion Slots

(1) Full-Height PCIe x16, (2) 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

MECHANICAL

Form Factor

2U Rackmount

Power Supply(s)

(2) 1100W (100-240VAC) 80 Plus Platinum

Operating Temperature

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

Max Heat Dissipation

3001 Max BTU/hr

Operating Humidity

5 ~ 90% (non-condensing)

Dimensions (WxDxH)

17.1" (434mm) x 25.4" (646mm) x 3.4" (86.8mm)

Max. Weight

62 lbs. (28.2 kg)

Warranty

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

STORAGE

Hard Drive Bays

(4) 3.5" Hot Swappable Bays
(2) 2.5" 256GB SSDs Slots

Hard Drives Supported

PCIe NVMe, SATA

RAID

OS RAID 0, 1; Data RAID 0, 1, 5, 6, 10

RAID Controller

PERC H740P (8GB NV Cache)

Maximum Storage

Up to 72TB (Seagate SkyHawk AI)

harmonize Bridge
POWERED BY TIGER TECHNOLOGY

intel  SEAGATE

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