

# GEN-1011E-R2

## 1U 2-Bay Rackmount Video Appliance

### POWERFUL, SPACE-EFFICIENT 1U, 2-BAY RACKMOUNT APPLIANCE

Enable unmatched performance and computing with the GEN-1011E-R2 video appliance. This 1U 2-bay rackmount video appliance allows for scalable performance with an Intel® Xeon® E processor.









Up to 36TB of raw storage provided by two 3.5" 24/7 duty cycle SATA drives offers ample storage for Security Center deployments. Guarantee fast response times and free up system resources with up to 64GB of DDR4 RAM.

Ease of operation is provided with an OS SSD for accelerated boot and application load times. RAID 0/1 storage options 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-R2 allows for on-premise recording, cloud recording, or both simultaneously.



### KEY FEATURES

-  **Up to 32 Channels\***
-  **Up to 101.6 Mbp/s Recording Rate**
-  **Up to 36TB of Raw Storage**
-  **Intel® Xeon® E Processor**
-  **Microsoft Windows 10 IoT Enterprise**
-  **Harmonize Bridge, powered by Tiger Technology**
  - Hybrid Cloud Connectivity
  - Disaster Recovery
-  **SSD & SATA Drives**
-  **RAID Options: 0 & 1**
-  **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

Microsoft Windows 10 IoT Enterprise

#### Memory

Standard Configuration: 16GB (2x 8GB)  
Maximum Configuration: Up to 64GB  
RAM (4x DDR4 DIMM Slots)

#### Processor(s)

Intel® Xeon® E-2224G (4 cores, 4 threads @ 3.50GHz)

#### Processor Passmark

Intel® Xeon® E-2224G: 7,466

#### Networking

(1) 1GbE RJ45 Port & (1) 10GbE RJ45 Port

#### Expansion Slots

All Slots PCIe Gen 3. Up to 1 double-width x16 card supported. Slot 1 (bottom): Full Height Double width PCIe16 Gen 3 or Single Width PCIe8 Gen Slot 2 (top): Full Height Single Width PCIe8 Gen 3

#### USB(s)

Front: (2) USB 3.1 Type A (1) USB 3.1 Type C, Rear: (2) USB 3.1 Type C

#### Video Outputs

(2) USB 3.1 Type-C (includes 1x USB-C to HDMI adapter)

### MECHANICAL

#### Form Factor

1U Rackmount

#### Power Supply(s)

(2) 550W (100-240VAC) 80 Plus Platinum

#### Operating Temperature

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

#### Max Heat Dissipation

1500 Max BTU/hr

#### Operating Humidity

10 ~ 90% (non-condensing)

#### Dimensions (WxDxH)

19" (482.6mm) x 23.19" (589.1mm) x 1.68" (42.8mm)

#### Max. Weight

19.27 lbs. (8.74 kg)

#### Warranty

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

### STORAGE

#### Hard Drive Bays

(2) 3.5" Hot Swappable Bays  
(2) M.2 SSD Slot (OS)

#### Hard Drives Supported

PCIe NVMe & SATA

#### RAID

RAID 0, 1

#### Maximum Storage

Up to 36TB (Seagate SkyHawk AI)

**harmonize Bridge**  
POWERED BY TIGER TECHNOLOGY

**intel**  SEAGATE

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