

GEN-300E

1-Bay Desktop, Small Form Factor, Video Appliance

SMALL FORM FACTOR BCDVIDEO APPLIANCE, BUILT FOR DEPLOYMENT VERSATILITY

The GEN-300E BCDVideo appliance enables maximum storage and throughput in a space-efficient micro desktop format. With one 3.5" 24/7 duty cycle SATA drive providing up to 18TB of raw storage.









The GEN-300E comes equipped with a 10th Generation Intel® Core™ Processor. Support for up to 32GB of DDR4 memory allows for plentiful local resources, while an NVMe M.2 solid state drive accelerates boot and application load times for increased performance and a reliable user experience.

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-300E allows for on-premise recording, cloud recording, or both simultaneously.



KEY FEATURES

-  **Up to 16 Channels***
-  **Up to 50.8 Mbp/s Recording Rate**
-  **Up to 18TB of Raw Storage**
-  **10th Generation Intel® Core™ Processor**
-  **Microsoft Windows 10 IoT Enterprise**
-  **Harmonize Bridge, powered by Tiger Technology**
 - Hybrid Cloud Connectivity
 - Disaster Recovery
-  **SSD & SATA Drives**
-  **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: 8GB (1x 8GB)
Maximum Configuration: 32GB (2x 16GB)

Processor(s)

10th Generation Intel® Core™ i5-10500 (6 cores, 12 threads @ 3.10GHz)

Processor Passmark

Intel® Core™ i5-10500: 13,250

Networking

(1) 1GbE RJ45 Ports

Graphics

Intel® Embedded Graphics UHD 630

USB(s)

Rear (2) USB 3.1 Gen 1, (2) USB 2.0;
Front (2) USB 3.1 Gen 1

Video Outputs

(1) DisplayPort (1) HDMI Port (1) VGA Port

MECHANICAL

Form Factor

Small Form Factor

Power Supply(s)

(1) 200W (100-240VAC) 80 Plus Bronze

Operating Temperature

(Min) 41°F - (Max) 95° F [(Min) 5°C - (Max) 35° C]

Max Heat Dissipation

546 Max BTU/hr

Operating Humidity

20 ~ 80% (non-condensing)

Dimensions (WxDxH)

3.65" (92.6mm) x 11.53" (292.8mm) x 11.42" (290mm)

Max. Weight

11.07 lbs. (5.02 kg)

Warranty

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

STORAGE

Hard Drive Bays

(1) 3.5" Hot Swappable Bays
(1) M.2 SSD Slot (OS)

Hard Drives Supported

PCIe NVMe, SATA

Maximum Storage

Up to 18TB (Seagate SkyHawk AI)


POWERED BY TIGER TECHNOLOGY

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

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