

BCD102-PWS

BCD Professional 2-Bay Rack-Mounted Video Workstation

HIGH-POWERED GPU-ACCELERATED 2-BAY 1U RACKMOUNT VIDEO WORKSTATION

Outperform a wide range of video computing tasks with the professional BCD102-PWS. This rack-mounted workstation is compact enough to be deployed in a wide range of video surveillance applications while retaining the performance needed to excel in them. The latest Intel® Core™ processor ensures high-powered computing performance, and paired with the latest NVIDIA® GPU guarantees results.

A boot optimized NVMe M.2 OS SSD ensure fast boot and application load times. BCD's standard 5-year, on-site, next business day warranty allows for users to know that reliability and support is always with this workstation.

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

- ▶ GPU Decoding Enabled
- ▶ Supports up to (1) Dual-Slot or (2) Single-Slot Graphics Cards
- ▶ Latest Intel® Core™ Processor
- ▶ (2) 800W Power Supply
- ▶ Up to 128GB DDR5 RAM
- ▶ Windows 11 Pro
- ▶ M.2 NVMe SSD / Enterprise SATA Drives
- ▶ 5-Year, On-site, NBD Warranty

FOR MORE INFORMATION: bcdvideo.com | sales@bcdinc.com | +1.888.305.4993

TECH SUPPORT: support@bcdinc.com

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SYSTEM

Expansion Slots

- (1) full-height Gen5 PCIe x16 slot
- (1) full-height Gen5 PCIe x8 slot
- (1) full-height Gen4 PCIe x4 slot

Memory

- 16GB DDR5 (2x 8GB)
- Maximum Configuration Supported 128GB (4x 32GB)

Networking

- (1) 1GbE RJ45 Ports
- (1) 10GbE RJ45 Ports

Operating System

- Windows 11 Pro

Processor Passmark

- Intel Core Ultra 5235: 40,026
- Intel Core Ultra 5245K: 43,451
- Intel Core Ultra 7265K: 58,805
- Intel Core Ultra 9285K: 67,641

Processor(s)

- Intel Core Ultra 5235: 14 cores, 14 threads, 2.9 GHz to 5.0 GHz
- Intel Core Ultra 5245K: 14 cores, 14 threads, 3.6 GHz to 5.2 GHz
- Intel Core Ultra 7265K: 20 cores, 20 threads, 3.3 GHz to 5.5 GHz
- Intel Core Ultra 9285K: 24 cores, 24 threads, 3.2 GHz to 5.7 GHz

Video Outputs

- (2) USB 3.2 Gen 2 (10 Gbps) Type-C ports with DisplayPort 1.4a

MECHANICAL

Dimensions (WxDxH)

- Height: 1.69 in. (42.80 mm) Width: 17.10 in. (434.00 mm) Depth: 23.87 in. (606.44 mm)

Form Factor

- Rack-Mounted

Heat Dissipation

- 3000 BTU/hr

Manufacturer

- BCD

Max. Weight

- 36.70 lbs (16.65 kg)

Operating Humidity

- 20% to 80% (non-condensing)

Operating Temperature

- 10°C to 35°C (50 °F to 95°F)

Power Supply(s)

- 800W Platinum (90 VAC-264 VAC)

Warranty

- 5-Year, On-site, Next Business Day Warranty
- Front: (2) USB 3.2 Gen 1 (5 Gbps) ports with SmartPower On - (1) Thunderbolt 4 (40 Gbps) port Rear: (2) USB 3.2 Gen 1 (5 Gbps) ports - (2) USB 3.2 Gen 2 (10 Gbps) Type-C ports with DisplayPort 1.4a

GRAPHICS

GPU

- NVIDIA RTX A400
- NVIDIA RTX A1000
- NVIDIA RTX A2000E ADA
- NVIDIA RTX PRO 4000 Blackwell
- NVIDIA RTX PRO 4500 Blackwell