BCDT04-EWS

BCD Enterprise 4-Bay Tower Video Workstation

STORAGE DENSE, HIGH PERFORMANCE ENTRY-LEVEL 4-BAY TOWER VIDEO SERVER

The professional BCDT04-EWS enables maximum storage and throughput in a space-efficient tower. Up to (4) 3.5” 24/7 duty cycle SATA drives providing up to 80TB of raw storage, providing room for future scalability.

The BCDT04-EWS comes equipped with the latest NVIDIA ADA Lovelace GPUs, which provides a dramatically higher baseline of GPU performance and marks the tipping point for ray tracing and neural graphics.

Support for up to 2TB of DDR5 memory allows for plentiful local resources, while a NVMe M.2 solid state drive accelerates boot and application load times for increased performance and a reliable user experience.





KEY FEATURES

- Supports up to (2) Dual-Slot NVIDIA Graphics Cards
- Intel® Xeon® W Processor
- Up to 2TB DDR5 RAM
- Windows 11 Pro
- 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

Copyright © 2026, BCD. All rights reserved. This document is provided for information purposes only. Intel, the Intel logo, the Intel Inside logo and Xeon are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

BCDT04-EWS

BCD Enterprise 4-Bay Tower Video Workstation

SYSTEM

Expansion Slots

(1)FH Gen5 PCIe x16

(1)FH Gen4 PCIe x16

(2)FH Gen4 PCIe x8 (open-ended)

(1)FH Gen4 PCIe x8 (x4 electrical through PCH) (open-ended)

Available slots will vary based upon GPU installed

Memory

32GB DDR5 (2x 16GB)

Maximum Configuration Supported: 2TB (8x 256GB)

Networking

(1)1GbE RJ45

(1)10GbE RJ45

Operating System

Windows 11 Pro

Processor Passmark

Intel® Xeon W3-2435: 26,859

Intel® Xeon W5-2465X: 46,925

Processor(s)

(1)Intel® Xeon W3-2435 or W5-2465X Processor

W3: 8 cores, 16 threads, 3.1GHz - 4.5GHz

W5: 16 cores, 32 threads, 3.1GHz - 4.7GHz

USB(s)

Front: (2)USB 3.2 Gen 1 ports (1)USB 3.2 Gen 2 Type-C port with PowerShare (1)USB 3.2 Gen 2 Type-C port

Rear: (3)USB 3.2 Gen 2 Type-C ports (2)USB 3.2 Gen 1 ports (1)USB 3.2 Gen 1 port with Smart Power

MECHANICAL

Dimensions (WxDxH)

6.94 ” x 17.79 ” x 16.45 ” (176.50 mm x 452.10 mm x 417.90 mm)

Form Factor

Tower

Heat Dissipation

4600 Max BTU/hr

Manufacturer

BCD

Max. Weight

47.80lb (21.70kg)

Operating Humidity

20 ~ 80% (non-condensing)

Operating Temperature

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

Power Supply(s)

(1)1350W Platinum

Warranty

5-Year, On-site, Next Business Day Warranty

GRAPHICS

GPU

NVIDIA T1000

NVIDIA RTX A2000

NVIDIA RTX A4000

NVIDIA RTX 4500 ADA

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

TECH SUPPORT: support@bcdinc.com

Copyright © 2026, BCD. All rights reserved. This document is provided for information purposes only. Intel, the Intel logo, the Intel Inside logo and Xeon are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.