

BCD102SD-PWS

BCD Professional Cyber Hardened 1U 2-Bay Rackmount Video Workstation

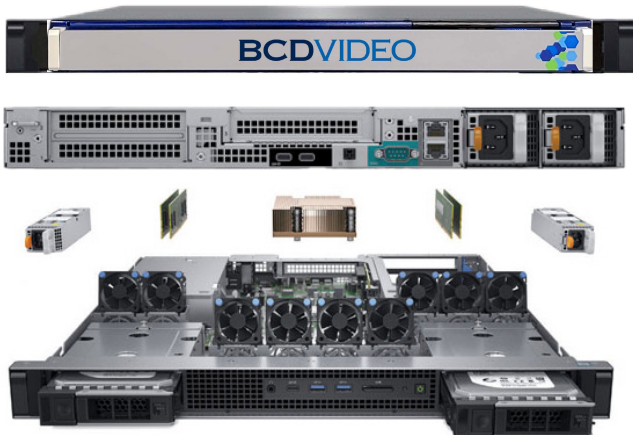
HIGH-POWERED GPU ACCELERATED 2-BAY 1U RACKMOUNT VIDEO WORKSTATION

Enable unmatched performance and computing with the BCD102SD-PWS. This 1U 2-bay rackmount professional workstation allows for scalable performance with the latest Intel® 9th generation Core™ processor, which provides nearly 20% more computing potential than previous generation processors.








Support for (1) dual-slot or (2) single-slot NVIDIA® graphics cards enables GPU computing and hardware acceleration, ensuring smooth and powerful performance. Guarantee fast response times and free system resources with up to 64GB of DDR4 RAM.

Reliability, system stability, and peace of mind is provided with redundant power, provided by of 24/7 duty cycle SATA hard drives, an operating system NVMe M.2 solid state drives, and a five-year, on-site, next business day warranty.

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

-  **Cyber Hardened Video Appliances**
-  **NVIDIA GPU**
-  **Intel® 9th Generation Core™ Processor**
-  **Windows 10 Pro**
-  **Dedicated NVMe M.2 OS Solid State Drive**
-  **Up to 64GB DDR4 RAM**
-  **5-Year Next Business Day Warranty**

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

BCD102SD-PWS R2.2 Copyright © 2023, 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.

BCD102SD-PWS

BCD Professional Cyber Hardened 1U 2-Bay Rackmount Video Workstation

SYSTEM

Operating System

Windows 10 Pro

Memory

Core™ i5-9500/i7-9700k/i9-9900k/
E-2224G: 16GB (2x 8GB)
Maximum Configuration: Up to 64GB RAM
(4x DDR4 DIMM Slots)

Processor(s)

(1) Intel® Core™ 9th Generation Processor
(Up to 8 Cores, 16 Threads, 5.00GHz)

Processor Passmark

Intel® Core™ i5-9500: 12,109
Intel® Core™ i7-9700k: 17,189
Intel® Core™ i9-9900k: 20,200
Intel® Xeon® E-2224G: 7,466

Networking

(1) 1GbE RJ45 Ports, (1) 10GbE RJ45 Port

Expansion Slots

(1) Full-height PCIe x16 or (2) Full-height
PCIe x8 slots
(1) Half-height, Half-length PCIe x4 (In
default configuration)

USB(s)

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

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

Operating Humidity

10 ~ 85% (non-condensing)

Heat Dissipation

1500 Max BTU/hr

Dimensions (WxDxH)

19" (48.26mm) x 23.19" (58.91mm) x 1.68" (4.28mm)

Max. Weight

27.38 lbs. (12.42 kg)

Warranty

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

Graphics

Available GPUs

Intel® Integrated UHD 630
NVIDIA® Quadro® T400 or T1000
or A2000, RTX 4000, RTX A4500