BCD104-PVS

BCD Professional 1U 4-Bay Rackmount Video Recording Server

POWERFUL AND VERSATILE ENTERPRISE 1U RACKMOUNT SERVER

Manufactured for Professional IP video surveillance applications and fully customizable for individual project requirements, the BCD104-PVS Professional video server provides unrivaled value and performance.

With 24/7 duty cycle SATA drives providing up to 96TB of raw storage, the latest Intel® Xeon® series and Silver processors, and up to 1TB of RAM (310 models only), the BCD104-PVS guarantees the throughput needed for any project.

Redundant, hot swappable power supplies and RAID 5/6 storage options provide high system availability. A pair of M.2 solid state drives for the operating system and applications provide reliability and fast application load times for added performance, while a five-year, on-site, next business day, Keep Your Hard Drive warranty guarantees peace of mind.

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

- Up to 80TB Storage
- Intel® Latest Processor
- Windows Server
- SSD & 24/7 Duty Cycle SATA Drives
- RAID Options 0, 1, 5, 6, 10
- 5-Year On-site, NBD, Keep Your Hard Drive Warranty
- iDRAC Express

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

TECH SUPPORT: support@bcdinc.com

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SYSTEM

Expansion Slots

6349P: (1) x8 - (1) x16 Half Length, Low Profile

4410Y - Single: (1) x16 Half Length, Low Profile

4410Y - Dual: (2) x8 Half Length, Low Profile - (1) x16 Half Length, Low Profile

Memory

6349P: (1) 16GB DDR5 UDIMM ECC

Single 4410Y: (2) 16GB DDR5 RDIMM ECC

Dual 4410Y: (4) 16GB DDR5 RDIMM ECC

Networking

6349P: (2) 1GbE RJ45

Single 4410Y: (2) 1GbE RJ45

Dual 4410Y: (2) 1GbE RJ45

Operating System

Windows Server

Processor Passmark

Intel® Xeon® 6349P: 25,953

Intel® Xeon® Silver 4410Y: 24,895

Dual Intel® Xeon® Silver 4410Y: 41,869

Processor(s)

Intel® Xeon® 6349P (6 cores, 12 threads @ 5.70GHz)

Intel® Xeon® Silver 4410Y (12 cores, 24 threads @ 3.90GHz)

Remote Management

iDRAC Express

USB(s)

6349P - Front: (1) USB 2.0 - Rear: (1) USB 2.0, (1) USB 3.2 Gen

14410Y - Front: (1) USB 2.0 - Rear: (1) USB 2.0, (1) USB 3.0 Gen1

Video Outputs

(1) VGA

MECHANICAL

Dimensions (WxDxH)

6349P: 18.97” (482mm) x 23.04” (585.3mm) x 1.68” (42.8mm)

4410Y: 18.97” (482mm) x 28.05” (712.95mm) x 1.68” (42.8mm)

Form Factor

1U Rackmount

Heat Dissipation

6349P: 2250 BTU/hr

4410Y: 3000 BTU/hr

Manufacturer

BCD

Max. Weight

6349P: 29.17 lbs. (13.23 kg)

4410Y: 55.33 lbs (19.45 kg)

Operating Humidity

10 ~ 80% (non-condensing)

Operating Temperature

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

Power Supply(s)

6349P: (2) 600W (100-240VAC) 80 Plus Platinum

4410Y: (2) 800W (100-240VAC) 80 Plus Platinum

Warranty

5-Year, On-site, Next Business Day, Keep Your Hard Drive Warranty

STORAGE

Hard Drive Bays

(4)3.5” Hot Swappable Bays

(2) M.2 SSD Slots

Hard Drives Supported

PCIe NVMe

SATA

Maximum Storage

Up to 96TB

RAID

OS RAID 0, 1;

Data RAID 0, 1, 5, 6, 10

RAID Controller

PERC H755

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