

# 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](http://bcdvideo.com) | [sales@bcdinc.com](mailto:sales@bcdinc.com) | +1.888.305.4993

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## BCD Professional 1U 4-Bay Rackmount Video Recording Server

### 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 - (2) 10GbE RJ45  
Dual 4410Y: (2) 1GbE RJ45 - (2) 10/25GbE  
SFP28

#### 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  
4410Y - 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