



## Powerful performance, built for security and reliability

### Enterprise-grade technology

Excellent choice for large size installations yet maintaining resilience with redundant power supply units, advanced battery backed RAID with Hot Spare HDD, soak tested to ensure it performs as expected and backed by 5 Year Next Business Day warranty.

Ready to use pre-configured storage and pre-installed operating system with latest security updates saves on installation time.

## 2U-12BAY-SERVER

### WAVE & SSM Recording Server

#### Key Features

- Built and soak tested enterprise grade server for 24x7 operation
- Pre-installed with OS and storage in RAID5
- Installed with latest OS security updates
- Redundant power supply, RAID on system and storage drives + hot spare
- Hardware RAID with battery backup
- Enterprise grade HDDs
- Supports up to 192TB of RAW storage and with RAID5 160TB of useable storage
- 700Mbps throughput rating
- IPMI for remote management
- Includes rack-mount kit and keyboard/mouse set for easier installation
- 5 Year Next Business Day Warranty

#### Specifications

Form Factor	2U Rackmount
Drive Bays	Hot-swap 12 bays
Processor	Intel Xeon E 6 Core 12 Threads
Memory	16GB DDR4 ECC Server Memory
Ethernet	2 x 1GbE
Graphics	On-board VGA
Operating System	Windows 10 PRO 64bit (Windows Server 2019 Optional)
Operating System Drive	2 x 240GB SSD in RAID1 (rear hot swap)
RAID	Hardware RAID with battery backup
Default RAID	RAID5 + Hot Spare HDD, Supports RAID 0, 1, 1+0, 5, 6, 50, 60*
Power Supply	Redundant 800W 80 Plus Certified Platinum, 100-240V 50-60Hz
Peripherals	2 x USB 3.1, 2 x USB 2.0
Dimensions	89mm x 437mm x 648mm (3.5" x 17.2" x 25.5") HxWxD
Weight	26kg (without HDDs)
Operating Temperature	5 - 35°C (50 - 95°F)
Storage Temperature	-40 - +60°C (-40 - 158°F)
Humidity	8 - 90% non-condensing
Storage Humidity Range	5 - 95% non-condensing
Included Accessories	2 x Power Cables, Rack-mount kit and Keyboard/Mouse set
Warranty	5 Year Next Business Day

\*Changing from default RAID5 will affect useable storage

Design and specifications are subject to change without notice.

## Ordering Information

Part Number	Description	RAW Storage	RAID5 Useable Storage
2U-12BAY-SERVER-64TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 64TB with RAID5 48TB	64TB	48TB
2U-12BAY-SERVER-72TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 72TB with RAID5 56TB	72TB	56TB
2U-12BAY-SERVER-80TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 80TB with RAID5 64TB	80TB	64TB
2U-12BAY-SERVER-88TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 88TB with RAID5 72TB	88TB	72TB
2U-12BAY-SERVER-96TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 96TB with RAID5 80TB	96TB	80TB
2U-12BAY-SERVER-110TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 110TB with RAID5 90TB	110TB	90TB
2U-12BAY-SERVER-120TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 120TB with RAID5 100TB	120TB	100TB
2U-12BAY-SERVER-144TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 144TB with RAID5 120TB	144TB	120TB
2U-12BAY-SERVER-168TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 168TB with RAID5 140TB	168TB	140TB
2U-12BAY-SERVER-192TB-RAW	2U 12 Bay Hot-swap Rackmount Server with raw storage of 192TB with RAID5 160TB	192TB	160TB
2U-12BAY-SERVER-WINSERVEROS	Upgrade to Windows Server Standard 2019, applies to 2U 12 Bay Hot-swap Rackmount Servers (2U-12BAY-SERVER), must be ordered with the server		