



## 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

## 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.

#### 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 |             |                       |