



## Powerful performance, built for security and reliability

### Enterprise-grade technology

Excellent choice for medium size installations yet maintaining resilience with redundant power supply units, advanced battery backed RAID, 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.

## 1U-4BAY-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
- Hardware RAID with battery backup
- Enterprise grade HDDs
- Supports up to 56TB of RAW storage and with RAID5 42TB 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            | 1U Rackmount                                                 |
| Drive Bays             | Hot-swap 4 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 M2 256GB SSD in RAID1 (direct-mount)                     |
| RAID                   | Hardware RAID with battery backup                            |
| Default RAID           | RAID5, Supports RAID 0, 1, 1+0, 5, 6, 50, 60*                |
| Power Supply           | Redundant 300W 80 Plus Certified Gold, 100 - 240V, 50 - 60Hz |
| Peripherals            | 2 x USB 3.1, 2 x USB 2.0                                     |
| Dimensions             | 43mm x 437mm x 550mm (1.7" x 17.2" x 21.7") HxWxD            |
| Weight                 | 17kg (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 Infromation

| Part Number                | Description                                                                                                                               | RAW Storage | RAID5 Useable Storage |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|
| 1U-4BAY-SERVER-12TB-RAW    | 1U 4 Bay Hot-swap Rackmount Server with raw storage of 12TB with RAID5 8TB                                                                | 12TB        | 8TB                   |
| 1U-4BAY-SERVER-24TB-RAW    | 1U 4 Bay Hot-swap Rackmount Server with raw storage of 24TB with RAID5 16TB                                                               | 24TB        | 16TB                  |
| 1U-4BAY-SERVER-32TB-RAW    | 1U 4 Bay Hot-swap Rackmount Server with raw storage of 32TB with RAID5 24TB                                                               | 32TB        | 24TB                  |
| 1U-4BAY-SERVER-40TB-RAW    | 1U 4 Bay Hot-swap Rackmount Server with raw storage of 40TB with RAID5 30TB                                                               | 40TB        | 30TB                  |
| 1U-4BAY-SERVER-48TB-RAW    | 1U 4 Bay Hot-swap Rackmount Server with raw storage of 48TB with RAID5 36TB                                                               | 48TB        | 36TB                  |
| 1U-4BAY-SERVER-56TB-RAW    | 1U 4 Bay Hot-swap Rackmount Server with raw storage of 56TB with RAID5 42TB                                                               | 56TB        | 42TB                  |
| 1U-4BAY-SERVER-WINSERVEROS | Upgrade to Windows Server Standard 2019, applies to 1U 4 Bay Hot-swap Rackmount Servers (1U-4BAY-SERVER), must be ordered with the server |             |                       |