



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		