

Lightspeed VLS-100

Fast and Reliable Video Processing



Designed for ultra-fast performance and rock-solid reliability, the VLS-100 accelerates Telestream Vantage workflows, ensuring efficient and speedy transcoding and media processing. With a remarkable +25% performance boost over the G7 Lightspeed server, it delivers everything users have come to expect from Lightspeed servers. The VLS-100 is a cost-effective investment for broadcasters and production studios looking to automate video processing tasks with precision and efficiency.

Ultra-Fast Performance

Provides the compute power to accelerate resource-intensive media tasks, eliminating bottlenecks and slashing processing times.

Dependable Quality

Delivers high quality and compliance standards featuring a powerful NVIDIA GPU and advanced processing capabilities.

High Scalability and Adaptability

Seamlessly scales and adapts to evolving operations with a robust design and advanced connectivity options.

No-Compromise Efficiency

Optimizes operations cost-effectively while ensuring exceptional performance and reliability.

Advantages of the VLS-100

- **Premier Processing Capabilities:** The onboard NVIDIA GPU enhances VLS-100 performance with fast video processing.
- **Expertly Engineered:** With an advanced system for cooling monitoring, dual power supplies, and solid-state storage, the VLS-100 provides peace of mind with its proven reliability and precision.
- **Designed for Effortless Workflow Management:** Leave the heavy lifting to the VLS-100 with its NVMe 800GB OS drives and dual 1.92TB media storage RAID drive bays.
- **Built to Scale:** The VLS-100 offers versatile Ethernet options with 2-Port 1G/10G RJ45 and future-ready compatibility for 25G and 100G network configurations.

Technical Specifications

Standard Configuration VLS-100

Base Chassis

1RU Supermicro Server

CPU

Intel (Dual) 4410Y

Number of Cores

2x 12c, 24c

Memory

128GB

OS Drives

2x 800GB NVMe

Power Supply

2x 800/1200W Redundant

GPU

NVIDIA GPU

Media Drives

2x 1.92TB SATA SSD

OS

Windows Server 2022

Factory Fitted Options

Default Ethernet

2-Port 1G/10G RJ45

Ethernet Option 1

2-Port 25G + SR SFP's

Ethernet Option 2

2-Port 100G QSFP + SFP's

Environmental Specifications

Operating Temperature

10°C to 35°C (50°F to 95°F)

Power Consumption (Idle)

255W/2.1A

Power Consumption (Full Load)

545W/4.5A