

# LiveWire StorageCore

## TECHNICAL SPECIFICATIONS

### Basic System Configuration

- (2) Intel Xeon Gold 6326 2.9G, 16 Cores, 32 Threads
- Linux
- 4U server chassis
- 192 GB RAM
- 1.4 PB SAS storage, RAID 6 or optional RAID 0
- Two 960 GB SSD drives for OS
- Four available PCI Express 3.0 slots to support up to three high speed capture adapters
- 2x10G Base-T ports

### Hardware Options

#### 10G Capture Adapter

A four port 10 Gigabit adapter specifically designed to handle 10 Gigabit capture and analysis. Capturing 10 Gigabit network traffic, it can slice and filter packets in order to focus the traffic stream and optimize analysis. The 10G capture adapter can be used in fiber environments, or via SPAN or mirror ports. The 10G capture adapter comes with four SFP+ interfaces.

#### 25G Capture Adapter

A four port 25 Gigabit adapter specifically designed to handle 25 Gigabit capture and analysis. Capturing 25 Gigabit network traffic, it can slice and filter packets in order to focus the traffic stream and optimize analysis. The 25G capture adapter can be used in fiber environments, or via SPAN or mirror ports. The 25G capture adapter comes with four SFP28 interfaces.

#### 40G Capture Adapter

A two port, PCI Express 40 Gigabit adapter with optical interfaces that are optimized for recording, monitoring, and troubleshooting traffic on 40 Gigabit Ethernet networks. The 40G capture adapter provides tracing and dynamically configurable filtering together with high precision time-stamping. The 40G Adapter comes with two QSFP+ interfaces.

#### 100G Capture Adapter

A two port, PCI Express 100 Gigabit adapter with optical interfaces that are optimized for recording, monitoring, and troubleshooting traffic on 100 Gigabit Ethernet networks. The 100G capture adapter provides tracing and dynamically configurable filtering together with high precision time-stamping. The 100G capture adapter comes with two QSFP28 interfaces.

### Error Packet Capture

The LiveWire StorageCore can capture error packets on the network using the above capture adapters. These errors include Runt, Oversize, Frame Alignment, and CRC errors.

### Management Interface (IPMI)

Supports remote power control, re- installation, BIOS access, and system management.

### Environmental

- Operating temperature: 32° to 95° F (0° to 35° C)
- Non operating temperature: -4° to 140° F (-20° to 60° C)
- Operating relative humidity: 20% to 80% (non condensing)
- Non-operating relative humidity: 10% to 90% (non condensing)

### Power and System Input Requirements

- 1600 W redundant power supply (two units)
- AC input voltage: 100 – 240 VAC
- Rated input current: 100 (12 A) – 240 V (10 A)
- Rated input frequency: 50–60 Hz
- C13/C14, 0.6 M, 250 V, 13 A power cords (2)

### Dimensions and Weight

- Rack-mount 4U appliance
- 17-by-7-by-38.4-inches (434- by-176-by-974.7- millimeters)
- Up to 218 lb. (99.1 kg) maximum

### Warranty

- On-site warranty service
- Available with one-, two-, three-, four-, or five- year warranty

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## Software Packages

- Optimized to export LiveFlow data to LiveAction's LiveNX, an innovative network performance visualization and analytics solution
- Pre-loaded, tested, and fully integrated LiveWire software for high-speed packet capture, storage, and flow-based telemetry generation
- Web-based configuration
- Web-based version of OmnipEEK
- OmnipEEK for Windows License (1)