

# LiveWire PowerCore

## TECHNICAL SPECIFICATIONS

### Basic System Configuration

- AMD® 2x EPYC 73F3 3.5GHz CPU, 32 Cores, 64 Threads
- Linux
- 2U server chassis
- 256 GB RAM
- 240 TB SAS storage, RAID 0 or optional RAID 6
- Optional external storage with LiveWire TeraVault – Up to 960 TB of additional storage (4x 2U TeraVaults)
- Two 2 TB SSD SAS ISE drives for OS
- Eight available PCI Express 3.0 slots to support up to three high speed capture adapters
- Four built-in iGBASE-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 PowerCore can capture error packets on the network using the above capture adapters. These errors include Runt, Oversize, Frame Alignment, and CRC errors.

### Management Interface (iDRAC)

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

### Environmental

- Operating temperature: 50° to 95° F (10° to 35° C)
- Non operating temperature: -40° to 149° F (-40° to 65° C)
- Operating relative humidity: 10% to 80% (non condensing)
- Non-operating relative humidity: 5% to 95% (non condensing)
- Heat dissipation (maximum): 4100 BTU/hour

### Power and System Input Requirements

- 1100 W redundant power supply (two units)
- AC input voltage: 100 – 240 VAC
- Rated input current: 100 (12 A) – 240 V (6.5 A)
- Rated input frequency: 50–60 Hz
- C13/C14, 0.6 M, 250 V, 13 A power cords (2)

### Dimensions and Weight

- Rack-mount 2U appliance
- 17.09-by-3.42-by-28.99-inches (434- by-86.8-by-715.5-millimeters)
- Up to 80 lb (36.3 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, and to LiveAction's ThreatEye, an AI-powered analysis pipeline, combining data collection, advanced behavioral analysis, predictive threat intelligence, and machine learning to detect threat actors and comply with security regulations.
- 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 Omnippeek
- Omnippeek for Windows License (1)