

LiveWire PowerCore 3300

TECHNICAL SPECIFICATIONS

Basic System Configuration

- AMD® 1x EPYC 9354P 3.25GHz CPU, 32 Cores, 64 Threads
- Ubuntu
- 2U server chassis
- 256 GB RAM
- 240 TB SAS storage, RAID 6 or optional RAID 0
- Optional external storage with LiveWire TeraVault - up to 960 TB additional storage (4 x 2U TeraVaults)
- Two 960 GB BOSS M.2 drives for OS
- Eight available PCI Express 5.0 slots to support up to two high speed capture adapters
- Dual Port 10GbE BASE-T ports
- Dual Port 1Gb 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 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: 41° to 104° F (5° to 40° C)
- Non-operating temperature: -4° to 149° F (-40° to 65° C)
- Operating relative humidity: 8% to 80% (non-condensing)
- Non-operating relative humidity: 5% to 95% (non-condensing)
- Heat dissipation (maximum): 9000 BTU/hour

Power and System Input Requirements

- 2400 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 2U appliance
- 17.08 by 3.41 by 27.58 inches (434 by 86.8 by 700.7 millimeters)
- Up to 76.05 lb. (34.5 kg) maximum

Warranty

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

Software Packages

- Optimized to export LiveFlow data to LiveAction's LiveNX, an innovative network intelligence platform that automates RCA workflows so engineers can focus on Return to Service. A single LiveWire appliance can stream to 3 destinations simultaneously serving all of your NetOps and SecOps needs. LiveWire is able to capture to disk, analyze packets, and export telemetry faster than our competitors in a smaller footprint.
- Pre-loaded, tested, and fully integrated LiveWire software for high-speed packet capture, storage, and flow-based telemetry generation
- Web-based configuration
- Omnipeek for Windows License (1)