



TimeLine™ Network Recorder

Technical Specifications

Basic System Configuration

- Pre-loaded, tested, and fully integrated OmniEngine software
- 3 OmniPeek Connect
- Linux
- 3U server chassis
- Two Intel Xeon Quad Core X5560 2.8Ghz
- 18GB RAM
- Available with 8TB, 16TB, or 32TB 7200 RPM SATA Storage:
 - Sixteen 500GB, RAID 0 (8TB total disk space)
 - Sixteen 1TB, RAID 0 (16TB total disk space)
 - Sixteen 2TB, RAID 0 (32TB total disk space)
- 2 160GB SATA Drives for OS & Data
- Four PCI Express 2.0 x8 slots
- Two built-in 10/100/1000 Gigabit Ethernet ports
- LCD Display
- DVD-ROM

Hardware Options Available on TimeLine

OmniAdapter 1G

The OmniAdapter 1G is a high performance network analyzer card that supports up to 2 full-duplex or 4 half-duplex connections providing advanced monitoring and troubleshooting of Gigabit networks.

OmniAdapter 1G is a four-port, PCI-E network analyzer card available in the following configurations:

- Four SFP cages
- Four RJ45 ports
- Two SFP cages and two RJ45 ports

OmniAdapters 1G are supported on both Windows and Linux operating systems.

OmniAdapter 10G

WildPackets' OmniAdapter 10G is a high performance, PCI-E, full-duplex 10 Gigabit network analyzer card with 2x10 Gbps optical interfaces that has been optimized

for monitoring and troubleshooting traffic on 10 Gigabit Ethernet networks. The two-port, OmniAdapter 10G provides hardware-accelerated packet tracing and dynamically configurable filtering together with high precision timestamping. The network adapter is available with 1x850nm MFF XFP or 1x1310nm SMF XFP optical transceivers with LC connectors.

OmniAdapters 10G are supported on both Windows and Linux operating systems.

Error Packet Capture

OmniAdapter network analyzer cards have the ability to capture error packets on the network. These errors include: Runt, Oversize, Frame Alignment, and CRC Errors. To capture errors on Gigabit and 10 Gigabit segments, you must use a WildPackets OmniAdapter.

Other Supported Gigabit and 10Gigabit Network Adapters

- Intel® PRO/1000 Quad Port Server Adapter
- Intel® PRO/10GbE Dual Port Server Adapter

Supported Networks

The TimeLine network recorder analyzes traffic on Ethernet, Fast Ethernet, full-duplex Gigabit and 10 Gigabit Ethernet networks.

Bus

- PCI Express 2.0 x8

Environmental

- Operating Temperature: 10° to 35° C (50° to 95° F)
- Non-operating Temperature: -40° to 70° C (-40° to 158° F)
- Operating Relative Humidity: 8% to 90% (non-condensing)
- Non-operating Relative Humidity: 5% to 95% (non condensing)

Dimensions

- 3U Rackmount
- 17.1 x 5.1 x 25.5 in. (434 x 132 x 648 mm)

System Input Requirements

- AC Input Voltage: 100-240 VAC
- Rated Input Current: 100 (11A) - 240V (5A)
- Rated Input Frequency: 50-60 Hz

Power

- Rated Output Power: 800W
- Rated Output Voltages: +3.3V (36A), +5V (36A), +12V total (50A), +5Vsb (3.5A)

Supported Operating System

- Linux

Omnipliance Warranty

- On-site warranty service
- Available with one or three year warranty



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