

Basic System Configuration

- Pre-loaded, tested and fully integrated OmniEngine Linux software
- Red Hat Enterprise Linux ES v5.1
- 4U server chassis
- Two Intel Xeon Quad Core X5450 3.0GHz
- 4GB RAM
- Available with 16 TB SATA , or 4.8 TB SAS Storage:
 - Sixteen 1TB SATA Drives, RAID 0 (16TB total disk space)
 - Sixteen 300GB SAS Drives, RAID 0 (4.8TB total disk space)
- 80GB SATA Drive (non-RAID) for OS
- LCD Display
- DVD-ROM and floppy drive
- Two x8 PCI Express slots (one slot is occupied by the RAID controller)
- One x4 PCI Express slot
- Two PCI-X slot (133MHz)
- One PCI-X slot (100MHz)
- Two built-in 10/100/1000 Gigabit Ethernet ports
- Optional Storage Subsystem
 - Up to three optional storage sub-systems can be daisy-chained to the Omnpliance SuperCore, allowing for total storage capacities of 64TB SATA or 19.2TB SAS.

Hardware Options Available on Omnpliance

OmniAdapters

Four port, Gigabit Analyzer Card - available with interchangeable SFPs or fixed 10/100/1000 RJ45 connectors. The OmniAdapter is available in four different configurations with interchangeable SFPs or fixed 10/100/1000 RJ45 connectors:

- Four SFP cages
- Four RJ45 10/100/1000Base-T ports
- Two RJ45 10/100/1000Base-T ports and



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two SFP cages

- Four SFP cages for 1000Base-SX or 1000Base-LX optical Ethernet, and one RJ45 port for 1000Base-T copper

OmniAdapter 10G

WildPackets' OmniAdapter 10G is a high performance, full-duplex 10 Gigabit Network Analyzer Card with 2x10 Gbit/s optical interfaces that has been optimized for monitoring and troubleshooting traffic on 10 Gigabit Ethernet network. The two-port, OmniAdapter 10G provides hardware accelerated packet tracing and dynamically configurable filtering together with high precision timestamping. The network adapter is based on the industry standard PCI-X interface and available with 1x850nm MFF XFP or; 1x1310nm SMF XFP optical transceivers with LC connectors.

One-port, OmniAdapter 10G is also supported by WildPackets' OmniPeek Product Family. It's available in PCI-X or PCI-E with 1x850nm MFF XFP or; 1x1310nm SMF XFP optical transceivers with LC connectors.

Other Supported Gigabit and 10Gigabit Network Adapters

- Intel® Pro/1000 GT Quad Port Server Adapter
- Intel® PRO/10GbE CX4 Server Adapter - 64 bit PCI-X interface running up to 133 MHz with 10GbE-over-copper Connection.
- Intel® PRO/10GbE SR Server Adapter - 64 bit PCI-X interface running up to 133 MHz with 10 Gigabit Multi-mode Fiber Server Connection.
- Intel® PRO/10GbE LR Server Adapter - 64 bit PCI-X interface running up to 133 MHz with 10 Gigabit Single-mode Fiber Server Connection.

Certifications

- FCC, Class A
- EN 60950/IEC 60950
- UL Listed (USA)
- CUL Listed (Canada)

Supported Networks

The Omnpliance analyzes traffic on Ethernet, Fast Ethernet, full-duplex or half-duplex Gigabit Ethernet and 10 Gigabit Ethernet networks.

Bus

- Two 64-bit 133MHz PCI-X (3.3V)
- One 64-bit 100MHz PCI-X (3.3V)
- Two PCI-Express (x8)
- One PCI-Express (x4)

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

- Rack-mount 4U full-depth appliance
- 7 x 19 x 27 in. (178 x 483 x 686 mm) (HxWxD)

System Input Requirements

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

Power

- Power Supply (3 units)
- Rated Output Power: 650W
- Rated Output Voltages: +3.3V (36A), +5V (36A), +12V total (50A), +5Vsb (3.5A)

Error Packet Capture

The Omnpliance has the ability to capture error packets on the network using any of the WildPackets 10GbE and Gigabit adapters. These errors include: Runt, Oversize, Frame Alignment, and CRC Errors.

Supported Operating System and Browser

- Red Hat Enterprise Linux ES v5.1

Omnpliance Warranty

- On-site warranty service
- One year warranty on parts and labor
- Extended warranties are available