

Basic System Configuration

- Pre-loaded, tested and fully integrated OmniEngine software
- Windows Server 2003 or Red Hat Enterprise Linux ES v5.2
- 3U server chassis
- Dual-Core Intel® Xeon® Processor 3.3GHz
- 4GB RAM
- Available with 2 TB, 6 TB, or 8 TB of Storage:
 - Eight 250GB SATA Drives, RAID 0 (2TB total disk space)
 - Eight 750GB SATA Drives, RAID 0 (6TB total disk space)
 - Eight 1TB SATA Drives, RAID 0 (8TB total disk space)
- 80GB SATA Drive (non-RAID) for OS
- LCD Display
- CD-ROM and floppy drive
- Two x8 PCI Express slots
- One x4 PCI Express slot (occupied by the RAID controller)
- Three available PCI-X expansion slots (2x133MHz and 1x100MHz)
- Two built-in 10/100/1000 Gigabit Ethernet ports

Hardware Options Available on Omnpliance

OmniAdapters

The OmniAdapter 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 is a four-port, PCI-X network analyzer card available in the following configurations:

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

OmniAdapters are supported on both Windows and Linux operating systems.

OmniAdapters 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 available with 1x850nm MFF XFP or; 1x1310nm SMF XFP optical transceivers with LC connectors.

Other Supported Gigabit and 10Gigabit Network Adapters

- Intel® PRO/1000 PF Quad Port Server Adapter
- Intel® PRO/1000 PT Quad Port Server Adapter
- Intel® PRO/10GbE CX4 Copper Server Adapter
- Intel® PRO/10GbE SR Fiber Server Adapter
- Intel® PRO/10GbE LR Fiber Server Adapter

Certifications

- FCC, Class A
- EN 60950/IEC 60950
- UL Listed (USA)
- CUL Listed (Canada)
- TUV Certified (Germany)
- CE Marking (Europe)

Supported Networks

The Omnpliance analyzes traffic on Ethernet, Fast Ethernet, full-duplex or half-duplex Gigabit Ethernet and 10 Gigabit Ethernet networks. Full and half-duplex Gigabit capture is available on either of WildPackets' OmniAdapters as well as the Intel Quad Card.

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: 10° to 35° C (50° to 95° F)
- 8% to 90% non-condensing

Power

- 100-240 VAC, 50/60 Hz
- 14A (115V) to 8A (230V)
- 760W Triple-redundant

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

- Microsoft Windows Server 2003 Standard Edition (Service Pack 2) and Internet Explorer 7.
- Red Hat Enterprise Linux ES v5.2

Dimensions

- 5.2" x 17.7" x 25.5" (HxWxD)
- Rack-mount 3U full-depth appliance

Omnpliance Warranty

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