OmniEngine™ Desktop

OmniEngine Desktop v6.0 Technical Specifications

Supported Networks

OmniEngine Desktop monitors and captures 10/100/1000 Ethernet and Wireless traffic.

Ethernet

- Ethernet IEEE 802.3
- Ethernet Type 2
- Data Rates: 10,100 and 1000 Mbps.

Wireless

- Wireless 802.11 a/b/g/n
  - 802.11 a Data Rates: 6, 9, 12,18, 24, 36, 48, 54, 72, 96, 108Mbps
  - 802.11 b Data Rates: 1, 2, 5.5, and 11 Mbps
  - 802.11 g Data Rates: 5.5, 6, 9, 11, 12, 18, 22, 24, 33, 36, 48, 54 Mbps

Supported Network Adapters

Ethernet Cards

OmniEngine Desktop will run with any NDIS 3 or higher compatible Ethernet promiscuous mode network adapter. Almost all Ethernet adapters on the market today meet this requirement. For example, we are compatible with adapters from 3Com, Intel, Xircom, SMC, and many others.

Wireless LAN Adapter

For wireless packet capture, OmniPeek requires the installation of a special NDIS driver for a supported network adapter. For more information and to download wireless drivers, please visit: http://www.wildpackets.com/support/downloads/drivers

Error Packet Capture

OmniEngine Desktop has the ability to capture error packets on the network. These errors include: Runt, Oversize, Frame Alignment, and CRC Errors. To capture errors on Ethernet or Fast Ethernet, you must use the following supported error capture cards, including the WildPackets driver:

Error Packet Capture PCI cards

Vendor	Model
Adaptec	ANA-6911A/TXC
ZNXY	ZX345Q Adapter (21143)

Supported Operating Systems and Browser

Windows Vista (SP1), Windows XP Professional (SP3), Windows Server 2003 (SP2), or Windows 7

All operating systems require Internet Explorer 7.

Minimum System Requirements

OmniEngine Desktop supports most rack mount, desktop and luggable computers as long as the basic system requirements to run the supported operating systems are met.

Recommended System

P4 or Xeon 1.2 GHz Processor; 2 GB RAM

OmniEngine Manager

Included with both OmniPeek Analyzers and OmniEngines, the OmniEngine Manager allows users to manage multiple OmniEngine Enterprise, OmniEngine Workgroup, OmniEngine Desktop, and Omni Wireless Sensors from a single console and configure any connected Remote Engine.

Using OmniEngine Manager, users can upgrade Remote Engine software, and distribute settings for filters, alarms, graphs, and capture templates for any group of network accessible Remote Engines.

Communication between the OmniEngine Manager and any Remote Engine requires a TCP/IP network connection between the two. This, in turn, requires that each machine (the one on which the Remote Engine is running and the one on which the OmniEngine Manager is running), must have a network interface card (NIC) to use for network services.

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