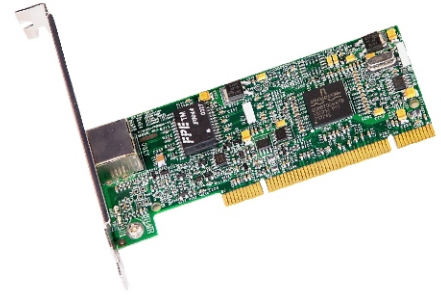


The WideBand Professional Gigabit Ethernet Workstation Adapter provides superior 10/100/1000Mbps network connectivity for workstations and desktops by utilizing the latest enterprise-class network technologies. Its embedded processor enhances performance by supporting TCP segmentation, TCP/IP/UDP Checksum, and Adaptive Interrupts, reducing host CPU utilization. A unique integrated Cable Analyzer allows self-diagnoses of any issues with the cabling that could affect the host machine. The Professional Adapter also supports load balancing capabilities and SNMP management functions.



Gigabit Ethernet Without Rewiring: The Professional Workstation Adapter utilizes WideBand's robust signaling technology allowing Gigabit connections over Category 5 runs in excess of 200 meters, and even over 100-meter segments of Category 3 cable. It has been WGNA Certified to transmit data up to a full 100 meters with a bit error rate of less than 1 per million on all grades of Category 5 cables, ensuring not just connectivity, but full bandwidth on existing network wiring.

Advanced Teaming and Failover Capabilities: The Adapter's load balancing features can be used to increase available network bandwidth and provide backup reliability for high-end systems when multiple adapters are installed. If a connection is lost, the data is seamlessly rerouted through the other remaining adapter.

Auto MDI/MDI-X Makes Connecting Easy: Professional Workstation Adapters automatically detect straight-through/crossover cable types, eliminating communication problems resulting from cable type mismatches. This feature allows pier-to-pier connection without a crossover cable.

Advanced Technical Features:

- Embedded processor offload CPU with advanced features -- TCP segmentation and TC/IP/UDP checksum
- Performance features -- Microsoft Large Send and Adaptive interrupts
- Integrated Cable Analysis detects cabling problems -- link quality, length, pair skew, pair polarity, pair swap
- Statistic Gathering (SNMP MIB II, Ethernet-like MIB, Ethernet MIB)

Specifications

Standards	IEEE 802.3ab, IEEE 802.3u, IEEE 802.3, IEEE 802.1q, WGNA
Interface	RJ45 for 10BASE-T, 100BASE-TX, and 1000BASE-T
Cable Type	10Mbps mode: Cat. 3, 4 or 5; 100Mbps mode: Cat. 5; 1000Mbps mode: Cat.5 or greater
VLANs	Supports 64 VLANs, IEEE 802.1q VLAN tagging
ACPI	ACPI Power Management Support
Wake-On-LAN	Wake on LAN support via PCI 2.2
Failover & Load Balance	Adapter teaming for failover, Smart Load Balance™
Load Balance	Generic Link Aggregation, IEEE 802.3ad Link Aggregation
Data interface	32-bit PCI V2.2 interface
LED indicators	Link, Activity
Temperature	Operating: 0° ~ 55° C (32° ~ 131°F); Storage: -20° ~ +70° C (-4° ~ 158°F)
Humidity	0% ~ 90% Non-condensing
Dimensions	120 x 50 mm (without bracket)
Utility and Driver Support	Ethernet Driver for DOS/OS2 NDIS2, Windows98/ME, Windows NT4, Windows 2000, Windows XP, Windows Server 2003, 64-bit Broadcom Advanced Server Program (BASP) Driver for Windows NT, 2000, Server 2003, Server 2003 64-bit, Netware and Linux Novell Netware 4.2/5.x/6.0 ODI, Netware DOS ODI, Netware SNMP Linux 2.4x Driver, Linux 2.4x SNMP Agent SCO OpenServer, Unixware7, Caldera Open Unix 8 Solaris 2.6/7/8/9 driver for i386/Sparc platform

Specifications in this document are subject to change without notice.

Ordering Information

Part Number	Description
WB1000T32PRO-B	32-bit 10/100/1000Mbps Gigabit Workstation Adapter, Supports WfM, FO&LB, WGNA Certified
WB1000T32PRO-L	Low-profile 32-bit 10/100/1000Mbps Gigabit Workstation Adapter, Supports WfM, FO&LB, WGNA Certified
WB1000T32PRO-S3	3-year Support Package for WB1000T32PRO-B and WB1000T32PRO-L
WB1000T32PRO-B12	32-bit 10/100/1000Mbps Gigabit Workstation Adapter - 12 pack
WB1000T32PRO-B24	32-bit 10/100/1000Mbps Gigabit Workstation Adapter - 24 pack