

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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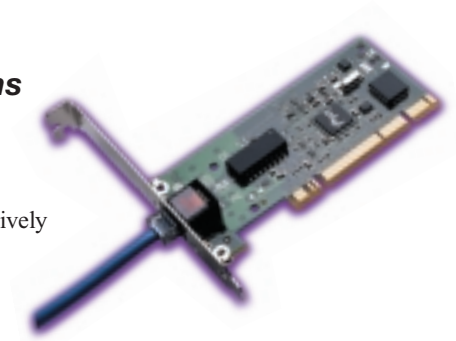
Expert team | Trust guarantee | 100% satisfaction

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Intel® PRO/100 M Desktop Adapter

Fast, Managed 10/100 Network Connections



- ***Lower support costs through advanced management capabilities***
- ***Simplified installation and maintenance with Intel® SingleDriver™ technology***
- ***Improved network response time through industry-leading performance***

www.intel.com/network/connectivity

Easy Management and Reduced Support Costs

Spend less time managing desktop PCs while working more effectively with Intel® PRO/100 M Desktop Adapters. Designed to reduce support costs, the Intel PRO/100 M Desktop Adapter is rich with advanced management features that keep you informed about, and give you access and control of, remote desktops. This high-performance adapter is compliant with Wake on LAN* and the Desktop Management Interface (DMI) 2.0 specification for remote troubleshooting and asset management. Wired for Management (WfM) 2.0 baseline compliance and an embedded Intel® LANDesk® Client Agent allow easy remote administration and enterprise-wide management. Intel PRO/100 M Desktop Adapters use advanced, standards-based management features so technology works for you.

Fast Deployment

Intel® SingleDriver™ technology offers a single suite of drivers for Intel® PRO/100 Network Adapters, adopted by many of the world's leading PC and server suppliers, speeding up installation and simplifying maintenance. In addition, these adapters are compatible with all major network operating systems. Once networked, you can remotely deploy software and set up desktops through the pre-installed Intel® PRO/100 Boot Agent.

The Intelligent Way to Connect

Intel PRO/100 M Desktop Adapters improve network response with standards-based technologies that let you choose how to manage and speed traffic in to and out of desktops. Packet prioritization, VLAN support and adaptive technology are all standard Intel PRO/100 M Desktop Adapter technologies. From advanced management features for reduced support costs to industry-leading performance for faster network response, Intel® PRO Network Adapters are *the intelligent way to connect.*

Features	Benefits
Advanced Management Capabilities	**Ease IT Administration and Reduce Support Costs**
▪ Wired for Management (WfM) 2.0 Enabled	▪ Remote management across platforms
▪ Wake on LAN* and Desktop Management Interface (DMI) 2.0	▪ Access and troubleshoot workstations remotely
▪ Intel® PRO/100 Boot Agent	▪ Deploy and upgrade PCs remotely; fewer visits to desktop
▪ Intel® LANDesk® Client Manager	▪ More effective enterprise-level system management, maintenance
▪ ACPI and PCI Power Management	▪ Reduced power consumption
▪ Intel® PROSet II Utility	▪ Simplified setup through Microsoft Windows* operating system
Standards-based Networking	**Fast, Easy Deployment**
▪ Intel® SingleDriver™ Technology	▪ Common set of drivers across Intel® PRO/100 Network Adapters simplify setup and maintenance, and decreases driver conflicts among new and legacy systems
▪ Supports All Major OSs and NOSs	▪ Compatible with your environment as your network evolves
▪ Backwards Compatible	▪ Integrates with existing Intel® PRO Network Adapters and network-ready PCs with Intel® Fast Ethernet technology
Industry-leading Performance	**Improved Network Response**
▪ 802.1p Intel® Priority Packet	▪ Prioritize selected traffic for faster delivery
▪ 802.1Q VLANs	▪ Create secure subnets and optimize traffic flow
▪ 802.3x Flow Control	▪ Improve traffic flow, reduce collisions
▪ Adaptive Technology	▪ Dynamically tunes transmission rates

Intel® PRO Network Connections

SPECIFICATIONS	Intel® PRO/100 M Desktop Adapter
IEEE Standard/Network Topology	10BASE-T, 100BASE-TX
Wiring and Connectors	Cat-5, 2pr; RJ-45
Product Code	PILA8460M
ADAPTER PRODUCT FEATURES	
Intel® SingleDriver™ Technology[1]	■
Plug and Play Specification Support	Standard
Easy Installation, Intel® PROSet II Utility	■
Auto-negotiation, Full-duplex Capable	■
Bus Type	PCI 2.2
Bus Speed	32/33, 32/66
NETWORK MANAGEMENT	
Wired for Management (WfM) Baseline v2.0	■
DMI 2.0, WMI & SNMP-manageable	■
Offline Diagnostics	■
Intel® Boot Agent	■
ACPI Power Management	■
Wake on LAN*	■
NOS SOFTWARE SUPPORT[2]	
Microsoft Windows* 2000 and XP	■
Microsoft Windows NT* 4.0	■
DOS and DOSODI	■
Novell NetWare* 4.11, 4.2 & 5.X	■
SunSoft Solaris* 2.6, 7 & 8[3]	■
UnixWare* 7.x and OpenUNIX* 8	■
Linux* 2.2.5 or Later	■
ADVANCED SOFTWARE FEATURES	
PCI HotPlug* and Active PCI*	■
IEEE 802.1Q VLANs	■
IEEE 802.3x Flow Control	■
TCP Checksum Offload	■
IEEE 802.1p Packet Prioritization	■
TECHNICAL FEATURES	
Data Rate(s) Supported Per Port	10 & 100Mbps
Flash Memory	64KB
Interrupt Levels	INTA
IEEE Support	802.2 & 802.3
Data Path Width	32-bit PCI
Hardware Certifications	FCC B, CE
Data Transfer Mode	Bus-master DMA
Controller - Processor	Intel® 82551QM
Typical Power Consumption	170mA @ +5VDC
Operating Temperature	0-55°C
Operating Humidity	85% at +55°C
INTEL BACKING	
Limited Lifetime Warranty	■
90-day Money-back Guarantee (U.S. and Canada)	■

ORDER CODE

Intel® PRO/100 M Desktop Adapter (Only available in 20-packs)	PILA8460MBLK20

PERFORMANCE TEST

Performance tests and ratings are measured using specific computer systems and/or components and reflect the approximate performance of Intel® products as measured by those tests. Any difference in system hardware or software design or configuration may affect actual performance. Buyers should consult other sources of information to evaluate the performance of systems or components they are considering purchasing. For more information on performance tests and on the performance of Intel products, reference www.intel.com/procs/perf/limits.htm or call (U.S.) 1-800-628-8686 or 1-916-356-3104.

CUSTOMER SUPPORT

For Customer Support information, contact us on the World Wide Web at http://support.intel.com. Service and availability may vary by country.

NETWORK READY PCs

Top PC and server manufacturers offer Intel® adapters in their new products. Specify or ask for Intel® PRO Network Connections with your next PC, server or mobile PC purchase. For a list of preferred suppliers, visit us on the World Wide Web: www.intel.com/network/how_to_buy/oem.htm

FOR PRODUCT INFORMATION

To speak to a customer service representative regarding Intel® products, please call 1-800-538-3373 (U.S. and Canada) or visit **www.intel.com/support/9089.htm** for the telephone number in your area. For additional product information on the Intel® Networking and Communication products, visit **www.intel.com/network/connectivity**

COMPANION PRODUCTS

Consider these related Intel® products in your network planning:

- Intel® PRO/100 Desktop Adapters
- Intel® PRO/1000 Desktop Adapters
- Intel® PRO/100 Server Adapters
- Intel® PRO/1000 Server Adapters
- Intel® PRO/100 Mobile Adapters
- Intel® PRO/Wireless Adapters
- Intel® Desktop and Server Boards

ONLINE DOCUMENTS

For the latest product information, visit us on the World Wide Web at www.intel.com/**network/connectivity**

For more detailed information on WfM, visit www.intel.com/eBusiness

[1] Only one driver needed for all Intel® PRO/100 Network Adapters
[2] Go to www.intel.com/network/os for latest OS/NOS support
[3] SunSoft Solaris is only supported on Intel® x86 architecture

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NP2083-001

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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