

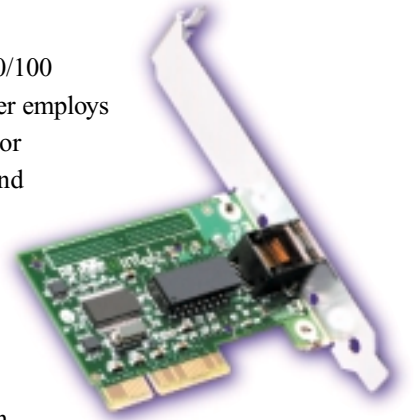
Intel® PRO/100 VE Desktop Adapter

Reliable 10/100 network connections at a great value

KEY FEATURES

- **Reliable, high-quality 10/100 connections**
- **Integrated CNR form factor**
- **Intel® SingleDriver™ technology reduces network complexity**

Give your networked desktop PCs a reliable, cost-effective 10/100 Ethernet connection. The Intel® PRO/100 VE Desktop Adapter employs a Communications and Networking Riser (CNR) form factor for compatibility with Intel's new ICH2-based chipsets and with CNR-compatible desktop boards. The CNR form factor enables system integrators to provide basic Ethernet connectivity for value-minded customers with straightforward networking needs.



This adapter comes with a suite of standard manageability capabilities, as well as Intel® SingleDriver™ technology, which simplifies the task of driver installation and configuration. Manageability features include Wired for Management (WfM) 2.0 (PXE, Wake on LAN*, DMI 2.0, ACPI); DMI/SNMP/WMI instrumentation; Intel® PROSet Utility and low power 10/100 support.

Features	Benefits
Intel® SingleDriver™ technology – one driver suite works with all Intel® PRO/100 adapters (desktop, server and mobile) and with top PC OEMs	Easier driver setup and maintenance reduces network complexity, decreases driver conflicts between new and legacy systems
Full driver support for most common operating systems	Enables broad application and operating systems
Low power 10/100 support	Minimizes system/network power consumption
PC99 compliant	Enables Microsoft certification, provides guaranteed baseline capabilities
Wired for Management (WfM) 2.0 (PXE, WOL, DMI 2.0, ACPI)	Reduces support costs with remote management based on industry-wide standards
DMI/SNMP/WMI instrumentation	Allows remote PC inventory, asset management, and network performance monitoring
Intel® PROSet Utility	Windows utility for faster, easier adapter installation and configuration
Preboot execution support enabled (PXE 2.0)	Enables remote boot and system access before a system boots (dependent on desktop board configuration)

Intel® SingleDriver™ Technology

Manage all your network connections as one

Provide driver consistency among desktops, notebooks and servers from leading system suppliers – as well as compatibility with your installed base of Intel® Fast Ethernet adapters for PCs and servers. This common set of drivers lets you:

- Reduce support costs
- Minimize driver conflicts among new and legacy systems
- Utilize powerful asset management, troubleshooting and software distribution capabilities
- Run consistent installation, configuration and maintenance routines for desktops, notebooks and servers



Features

- Reliable 10/100 network connections – High-quality Ethernet performance for value-minded users who need straightforward network connectivity.
- CNR form factor – Communications and Networking Riser offers compatibility with Intel's new ICH2-based chipsets and with CNR-enabled desktop boards (from Intel and other vendors) as part of an integrated system designed for attractive price/performance value.
- Intel® SingleDriver™ technology – Extends the advantage of one driver across desktop, mobile and server platforms for faster, simpler management.
- A suite of standard management features – Including Wired for Management (WfM) 2.0, DMI/SNMP/WMI instrumentation, Intel® PROSet Utility and others, let IT administrators work in familiar programs and protocols.
- Designed for compatibility with Intel ICH2-based chipsets and CNR-enabled desktop boards. Professional integration only.

Applications

- A new residential contracting firm needs to network its PCs and printers. Budget is tight. Management is not an issue in this small network. Security will be added later as more funding becomes available. The contractor calls on the services of a local systems integrator, who provides the reliable, basic connectivity needed in this environment by equipping them with PCs integrated with Intel® PRO/100 VE Desktop Adapters.
- The PCs in a marketing research firm are networked so that telephone surveyors can input data to a central storage server as they complete each survey. The firm just landed a significant project and must install dozens of new LAN connections as cost-effectively as possible. The firm's system integrator specifies Intel® PRO/100 VE Desktop Adapters, providing reliable connections for the firm's new survey staff.

SPECIFICATIONS	Intel® PRO/100 VE Desktop Adapter
IEEE STANDARD/NETWORK TOPOLOGY	10BASE-T, 100BASE-TX
WIRING AND CONNECTORS	Cat-5, 2pr; RJ-45
PRODUCT CODE	CNLA6000PAK5 (5-pack) CNLA6000PAK20 (20-pack)
ADAPTER PRODUCT FEATURES	<ul style="list-style-type: none"> ■ Intel® Adaptive Technology ■ Intel® SingleDriver™ technology ■ Automatic Driver Installation ■ Plug and Play Specification Support ■ Full-duplex Capable ■ Auto-negotiation ■ Easy Installation, Intel® PROSet Utility
NETWORK MANAGEMENT	<ul style="list-style-type: none"> ■ WfM Baseline v2.0 ■ DMI 2.0 Support, WMI and SNMP-manageable ■ Offline Diagnostics ■ Intel® Boot Agent ■ ACPI Power Management ■ Legacy Wake CPL on LAN* ■ ACPI Wake on LAN ■ Intel® LANDesk Client Manager, Trivoli Agent (Included)
NOS SOFTWARE SUPPORT ¹	<ul style="list-style-type: none"> ■ Microsoft Windows® 2000 ■ Microsoft Windows NT® 4.0 ■ Microsoft Windows® 95, 98 ■ Novell NetWare® 3.x, 4.2, 5.0 & 5.1 ■ SunSoft Solaris® 2.6, 7.0 ■ SCO UnixWare® 7 ■ Linux® 2.2.5 or Later
ADVANCED SOFTWARE FEATURES	<ul style="list-style-type: none"> ■ 802.1Q VLANs ■ 802.3x Flow Control ■ TCP Checksum Offload ■ Intel® Priority Packet, 802.1p ■ Adaptive Performance Tuning
TECHNICAL FEATURES	<ul style="list-style-type: none"> ■ Data Rate(s) Supported Per Port: 10 & 100Mbps ■ Onboard Memory: 6KB cache ■ 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® 82559-based ■ Power Requirement: 430mW ■ Operating Temperature: 0-55°C ■ Operating Humidity: 85% at +55°C
INTEL BACKING	<ul style="list-style-type: none"> ■ Limited Lifetime Warranty ■ 90-day Money-back Guarantee

FOR PRODUCT INFORMATION

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ORDER CODES

Intel® PRO/100 VE Desktop Adapter (5-pack)	CNLA6000PAK5
Intel® PRO/100 VE Desktop Adapter (20-pack)	CNLA6000PAK20

ON-LINE DOCUMENTS

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

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

COMPANION PRODUCTS

Consider these related Intel products in your network planning.

- Intel® PRO/100 Mobile Adapters
- Intel® PRO/100 Server Adapters
- Intel® Express Hubs and Switches
- Intel® NetStructure™ Switches

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