

KEY FEATURES

- 10/100 Ethernet for flexible LAN connections
- Auto-configuration for easy installation
- Supports all major network operating systems

Intel EtherExpress™ PRO/100 Mobile Adapters

Fast, flexible connections for your portable PC.

Get your portable PC up to speed with Fast Ethernet. Intel EtherExpress™ PRO/100 Mobile Adapters autosense network speed for plug-and-play connections to 10 and 100Mbps Ethernet LANs. A full driver suite is included, with support for all major network operating systems and autoconfiguration for easy installation. These are the adapters of choice for portable PCs,



providing fast, flexible connections. You'll get the full advantage of Fast Ethernet speeds where available, and still be able to connect easily to 10Mbps segments.

EtherExpress PRO/100 Mobile Adapter LAN+Modem56 PC Card †

Get complete LAN and modem support in a single, high-performance card. Flexible 10/100Mbps connectivity gives you full LAN support at the office, and the 56K modem ensures peak performance over standard telephone lines on the road. This easy-to-use card auto-negotiates to the highest available speed in all operating modes – up to 56Kbps for modem, up to 14.4Kbps for fax. You can access e-mail, send faxes and download information fast.

With support for K56flex* technology, this mobile adapter lets you download information at nearly twice the speed of conventional V.34 modem technology. K56flex is already supported by many service providers. If needed, when the future 56K International Telephone Union (ITU) standard is established, a simple Flash ROM upgrade will ensure that you enjoy continued compatibility and peak performance with all standard compatible modems.

EtherExpress PRO/100 Mobile Adapter - 16-Bit PC Card

This card gives you the flexibility of 10/100 LAN connectivity for your portable PC using the 16-bit PCMCIA slot. As you add Fast Ethernet capabilities to your existing Ethernet network, your portable PC can plug into any segment, old or new.

EtherExpress PRO/100 Mobile Adapter - 32-bit CardBus

Maximize the network performance of your portable PCs that use CardBus slots. This 32-bit bus-master architecture provides top performance LAN connectivity, taking full advantage of the power of your Pentium® and Pentium PRO processor-based portable PCs.

[†]Available in North America only



INTEL MOBILE ADAPTER FEATURE GUIDE

Bus architecture	PC Card (16-bit)	CardBus (32-bit)	PC Card (16-bit with 56K modem)	
Product name	EtherExpress PRO/100 Mobile	EtherExpress PRO/100 Mobile	EtherExpress PRO/100 Mobile	
IEEE Standard/Network Topology	10BASE-T, 100BASE-TX	10BASE-T, 100BASE-TX	10BASE-T, 100BASE-TX	
Wiring	Cat3, Cat5, 2pr	Cat3, Cat5, 2pr	Cat3, Cat5, 2pr	
PCMCIA standard supported	PC Card Feb 95 Type II	PC Card Feb 95 Type II	PC Card Type II	
Product code: Connectors	MBLA1600: RJ-45	MBLA3200: RJ-45	MBLA1656: RJ-45, RJ-11	
ADAPTER PRODUCT FEATURES				MODEM SPECIFICATIONS
Multi-packs available	5 & 20 packs	5 & 20 packs	5 & 20 packs	Data Modem Transmission Speeds
Switchless board configuration		•	•	Auto-negotiates to highest speed:
Plug 'n Play specification support	•	Standard	•	56,000; 54,000; 52,000; 50,000;
Automatic driver installation		•	•	48,000; 46,000; 44,000; 42,000;
Full Duplex Capable	10Mbps only		10Mbps only	40,000; 38,000; 36,000; 33,000;
Auto-negotiation		•	•	31,200; 28,800; 26,400; 24,000;
Hot Swap capability	•		•	21,600; 19,200; 16,800; 14,400;
NETWORK MANAGEMENT				12,000; 9600; 7200; 4800; 2400;
Board and network diagnostics			•	1200/75 bps
SNMP-manageable		•	•	Fax Speeds
NOS SOFTWARE SUPPORT				Auto-negotiates to highest speed:
IBM 0S/2, WARP (NDIS 2.01)				14,00; 12,000; 9600; 7200; 4800;
Microsoft LAN Manager* (NDIS 2.01)			•	and 2400 bps
Microsoft Windows* for Workgroups	•			Fax Standards
Microsoft Windows NT* 3.51, 4.0		•	•	V.17, V.29, V.27ter; Group 3, EIA/TIA;
Microsoft Windows 95 (NDIS 3.1)				Class 1, V.34
Novell NetWare* 3.11, 3.12 & 4.1x Server		•		Error Control
Novell NetWare DOS ODI Client				V.42/MNP Levels 2-4
Novell NetWare Client 32		•		Data Compression
TECHNICAL FEATURES				V.42bis (4:1) or MNP Level 5 (2:1)
Data rate(s) supported	10 & 100Mbps	10 & 100Mbps	10 & 100Mbps	Command Set
On-board memory	32KB	4KB	32KB	Hayes, Microcom compatible AT
Interrupt levels	Software selectable	INTA	Software selectable	commands
I/O base addresses	Software selectable	N/A	Software selectable	Non-volatile RAM
Full IEEE compliance	802.2 & 802.3	802.2 & 802.3	802.3	1 user-definable profile; up to 2
Data path width	16-bit	32-bit	16-bit	thirty-six digit telephone number;
Hardware certifications	FCC B, CE	FCC B, CE	FCC B, FCC Part 15	LAN adapter ID and serial number
Data transfer mode	Programmed I/O	Bus-master DMA	Programmed I/O	
Controller or processor	Xircom	DEC	Xircom	
Power requirement	1.6Watts @ 5VDC	2Watts @ 3.3VDC	1.6Watts @ 5VDC	
Operating temperature	+0-55°C	+0-55°C	+0-55°C	
Operating Humidity	95% max noncondensing	95% max noncondensing	95% max noncondensing	\neg
INTEL BACKING		<u> </u>	<u> </u>	\neg
Limited lifetime warranty	•	•	•	
90-day money-back guarantee			•	

CUSTOMER SUPPORT

Intel Customer Support Services offer a broad selection of tiered support programs. For more information: visit us on the World Wide Web at http://support.intel.com or call 800-538-3373, ext. 276, or order FaxBack* 8549 at 800-525-3019.

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ORDER THESE FAXBACK* DOCUMENTS		
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Fast Ethernet Overview and Deployment Guide		
Express 10/100 Stackable Hub Data Sheet	8589	
Express 10/100 Fast Ethernet Switch Data Sheet	8503	
The Advantage of Fast Ethernet for New Networks	1308	
Adaptive Technology Networking Information Services	1034	
56K Modem Technology White Paper	1770	
32-bit CardBus LANQuest Report	1775	
LANQuest Labs Performance Report	6389	
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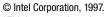
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