

Highlights

- . Auto-Negotiation and Full-Duplex operation on both 100Mbps and 10Mbps
- . Low power consumption design
- . "Hot Swap" card insertion and removal
- . Supports all popular network operating systems

Key Features

- Auto-Negotiation and Full-Duplex operation on both 100Mbps and 10Mbps
- Switchless configuration and operation
- Software configurable
- Use of VLSI and SMT Technology for lower power consumption and better performance
- Low power consumption design
- LEDs for status information at a glance

SURECOM[®]
Simply Better Networking

EP-427X EP-428X

Fast Ethernet PCMCIA Adapter



SURECOM's EP-427X/EP-428X is the Fast Ethernet PC Card that provides high-performance connectivity for notebooks to the 10/100M Ethernet network. It supports Auto-negotiation to detect 100M or 10Mbps transmission rate and sets the stable interoperation mode for connection to the network. Moreover, you can operate it in Full-Duplex mode to double the system throughput. With easy installation and board compatibility, you can install it automatically in Windows systems and consist with your operation systems reliably.

Advanced Architecture & Higher Performance

SURECOM's EP-427X/EP-428X is a high-performance N-Way interface for any kind of notebook that is equipped with PCMCIA/ CardBus slot. It auto-negotiates and runs at 10M/100Mbps and in Half/Full-Duplex mode. The system's total performance will be extremely improved, and it will be excellent for multi-media intensive networking applications.

Smart Installation & Universal Compatibility

These Cards feature plug-and-play function in plug-and-play systems for smart drive installation. Besides that, the full range of drivers are provided for popular network operating systems such as Microsoft Windows for Workgroups, Novell NetWare, Windows 95/98/2000/ME...etc.

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Application



EP-427X (Couplerless type)



EP-428X (Couplerless type)

Technical Specifications

	EP-427X	EP-428X
Standard	IEEE 802.3u 100BASE-TX and 802.3 10BASE-T	
Connector	1 RJ-45 port for auto-detection 100BASE-TX and 10BASE-T, Full/Half-Duplex	
I/O Address & IRQs	Automatically assigned by BIOS or Card Service	
Media Support	UTP cabling, Cat. 5 for 100BASE-TX, Cat. 3,4,5 for 10BASE-T	
Transfer Rate	10/100Mbps	
LEDs	ACT, SPEED	
Power Consumption	Max. 2W	
Dimension(LxW)	11.5x5.4cm/11.5x5.4cm	
Temperature Operating Storage	0°C ~ 55°C -20°C ~ -80°C	
Humidity Operating Storage	10% ~ 90% 5% ~ 95%	
Conformance	FCC, CE	
Extensive LAN Drivers Support	Network Operation System : Novell NetWare 3.X, 4.X, ODI Driver, NDIS 2, Microsoft Windows NT 4.0/3.51, Windows 3.X, 4.X, Windows 95,98/2000/ME Packet Drivers : FTP PC/TCP, NCSA TCP/IP	

Ordering Information

EP-427X : 16-bit PCMCIA Fast Ethernet Adapter

EP-428X : 32-bit CardBus Fast Ethernet Adapter

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