

LFE-8139HTX v.1.3

Half-Sized PCI Fast Ethernet Adapter



- Microsoft WHQL compliant, automatic installation for Win2000 and WinXP.
- Boot ROM socket for optional remote booting
- Supports 32-bit PCI Local Bus master for high throughput and low processor utilization
- Complies with the Ethernet/IEEE 802.3u 100BASE-TX and 10 BASE-T industry standard
- Plug and Play: Simply insert the card into a PC and it will automatically be configuration by the PC BIOS
- Supports **full-duplex** operations, thus doubles the network speed up to 20Mbps at 10BASE-T Ethernet or 200Mbps at 100BASE-TX Fast Ethernet. Furthermore, the flow-control technology minimizes packet fragments when buffer is full
- **Support 802.1p COS**
- Single LED indicators to report network status
- One RJ-45 connector with Auto-sense of cable type of 10 or 100Mbps network operation
- Supports wide PCI clock speed from 16.75 to 40 MHz, capable of zero wait state
- Extensive use of VLSI component that integrated Fast Ethernet MAC, Physical chip and transceiver in one chip to provide high hardware reliability, small power consumption and reduced network interface card size
- Provides a comprehensive setup program for displaying the adapter configuration, and including diagnostics on board or on network test



Specification

Supported Computers: 486, Pentium or above

- Boot ROM socket for optional remote booting

Standard Compliant:

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- **Bus Type:** 32-bit PCI Bus Master

Transmission Speed:

- IEEE 802.3u Auto-Negotiation for automatic speed selection
- 10Mbps (ordinary Ethernet)
- 20Mbps (full-duplex Ethernet)
- 100Mbps (ordinary Fast Ethernet)
- 200Mbps (full-duplex Fast Ethernet)

LED Indicator:

- Link/Tx/Rx (Link/Transmit/Receive)

Operating Temperature: 32 ~ 131 degrees *F (0 ~ 55 degrees *C)

Storage Temperature: -4 ~ 176 degrees *F (-20 ~ 80 degrees *C)

Humidity: 10 ~ 90% RH non-condensing

Operating Voltage: +5V* 5% @500mA maximum

Ordering Information

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