

LFE-8139ATX

Wake-On-LAN PCI Fast Ethernet Adapter



- Microsoft WHQL compliant, automatic installation for Win2000 and WinXP.
- Supports 32-bit PCI Local Bus master for high throughput and low processor utilization
- Full compliance with PCI Rev.2.1
- Complies with the Ethernet/IEEE 802.3u 100BASE-TX and 10 BASE-T industry standard
- Complies to ACPI (Rev 1.0), PCI Power Management (Rev 1.1), and Device Class Power Management reference Specification (V 1.0a), such as to support OS Directed Power Management (OSPM) environment
- **Allows Remote Wake-Up** (Magic packet and Microsoft wake-up frame) to simplify network resource access and maintenance, which provides the greatest convenience to enhance LAN connectivity flexibly
- **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
- Four LED indicators to report network status
- **Support 802.1p COS**
- 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
- **Supports optional Remote Boot ROM socket**, supporting PXE or RPL type.
- 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
Standard Compliant:

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX

Bus Type: 32-bit PCI Bus Master

ACPI mode: Supports -

- PCI bus Power Management Interface Spec. (Rev 1.1)
- D0, D1, D2, D3hot, and D3cold, 5 different power states
- PME# (including L#WAKE) can be generated from D1, D2, D3hot, and D3cold
- Magic Packet Wakeup
- LinkUP wakeup
- Microsoft Wakeup frame

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:

- FUDUP (Full-Duplex)
- Tx/Rx (Transmit/Receive)
- 10/100M media selection
- PWR (Power)

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

LFE-8139ATX PCI Fast Ethernet Adapter with Boot ROM support