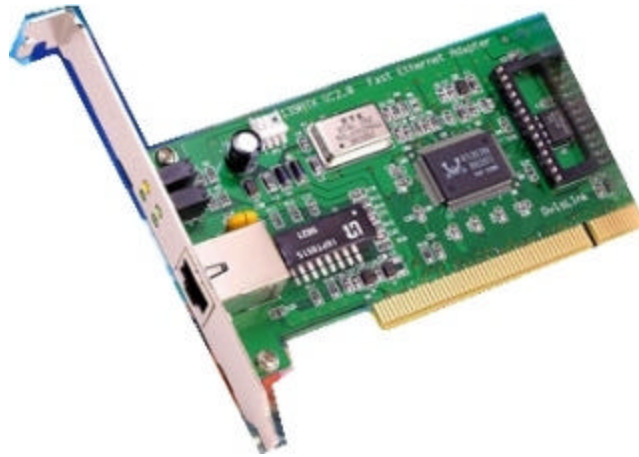


OV-8139D

Wake-on-Lan Fast Ethernet Adapter



Product Features

Supports **486/Pentium 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 **Advanced Configuration Power management Interface (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

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

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

LFE-8139ATX Wake-on-LAN Fast Ethernet Adapter

Technical Specifications

Supported Computers: 486, Pentium

Standard Compliant:

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

Bus Type: 32-bit PCI Bus Master

Wake-On-LAN mode: Supports Magic Packet Wakeup

ACPI mode: Supports -

- PCI bus Power Management Interface Spec. (Rev 1.1)

- D0, D1, D2, D3hot, and D3cold, 5 different power states
- PMEB (including LWAKE) 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)

Boot ROM Size: 8, 16, 32, 64 and 128Kbyte

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

Dimension (L x W): 12.0 x 6.5 cm

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