

OvisLink



OV-PC16D

16-bit PCMCIA 10/100Mbps Fast Ethernet PC Card (Dongle-less)

Product Features/Specifications

The OV-PC16Dis a 16-bit PCMCIA 10/100Mbps NWay Fast Ethernet PC Card for notebook computers. It allows users to easilyconnect a network and share the databases and resources in diverse environments. It is engineered to unleash the power of today's notebook and turn them into robust stations or servers.

With the dongle-less design, user can directly plug-in the RJ-45 LAN cable to the OV-PC16D without using the Media Coupler.

Full Duplex Support

Full/half duplex operation is auto-detected in both 10BASE-T and 100BASE-TX modes. In full duplex, the notebook is connected to a switch on dedicated segment.

Snap-in Installation

The card auto detects IRQs and I/O addresses available in the notebook. Together with the hot-swap support, this feature brings a lot of convenience to DOS and Windows users without Win95/98 installed.

Complete Compatibility

The card is compatible with all major notebook, sub-notebook and palmtop PCs which support the main Socket and Card Services, and provides driver programs for popular networking operating systems.

Features

- Complies with the IEEE 802.3/802.3u/802.3ab N-Way auto-negotiation standard
- 68-pin connector to PC's PCMCIA Type II slot
- 10/100Mbps Dual-Speed NWay interface
- Built-in 16KB RAM data buffers for OV-PC16D

- Built-in 32KB RAM data buffer for OV-PC32D
- Single shielded RJ-45 connector
- Low power consumption
- Auto-Polarity for UTP/STP cables
- Hot Swappable
- Supported driver list: Windows 95/98/ME/NT 4.0/2000, Netware 3.x/4.x/5.x,

Specifications

Standards:

- - IEEE 802.3 10Base-T Ethernet
- - IEEE 802.3u 100Base-TX Fast Ethernet
- - ANSI/IEEE NWay Auto-Negotiation
- - PCMCIA 2.x, 16-bit PC Card Standards
- Protocol: CSMA/CD

Host Interface:

- OV-PC16D: 16-bit PCMCIA

Data Transfer Rate:

- - Ethernet: 10Mbps (half-duplex)

20Mbps (full-duplex)

- - Fast Ethernet: 100Mbps (half-duplex)

200Mbps (full-duplex)

Network Cables:

- - 10Base-T: 2-pair UTP Cat. 3,4,5 EIA/TIA - 568 100-ohm STP
- - 100Base-TX: 2-pair UTP Cat. 5 EIA/TIA - 568 100-ohm STP

Temperature: Operating - 0 ~ 50 degrees *C, Storage -10 ~ 70 degrees *C

Humidity: Operating - 10 ~ 90%, Storage - 5 ~ 90 degrees *C

EMI: FCC Class B, CE Mark B, VCCI-B