



10/100M USB LAN Adapter UE2-100TX

Windows98SE

WindowsMe

Windows2000

WindowsXP

AutoNegotiation

Flow Control

Plug&Play

Feature

The Auto-Negotiation function of the UE2-100TX automatically detects 10BASE-T/100BASE-TX communication speed as well as Full/Half Duplex data transfer mode and selects the best speed/mode combination available. Since it also supports IEEE802.3x Flow Control, the adapter achieves a highly reliable, packet-loss free communication environment when it is attached to a switching hub supporting the flow control functionality.

■ USB 2.0 compliant, achieves extra fast data transfer approaching 480Mbps

As the product supports USB 2.0, it achieves a maximum data transfer rate of 480Mbps. Its data transfer rate is automatically selected from among: 1)High Speed Mode (480Mbps), 2)Full Speed Mode (12Mbps) and 3)Low Speed Mode (1.5Mbps).

* Its actual data transfer rate on a network depends upon the Ethernet standard(s) supported by the network.

■ Highly versatile USB connectivity

Since it utilizes a USB port (an interface implemented in almost any PC today) to provide a LAN port, the adapter allows its user to setup a network without occupying any of the valuable PCI/ISA/PC card slots. Thanks to the USB standard features such as Plug-and-Play and Hot Plug, its installation is extremely easy. Simply attach the product to a USB port and install its driver, and you are ready to connect your PC to a network.

■ 100BASE-TX/10BASE-T Auto-Negotiation

Its on-board RJ-45 port supports both 10BASE-T and 100BASE-TX. As its Auto-Negotiation function automatically selects the best speed (100BASE-TX/10BASE-T) and data transfer mode (Full/Half Duplex) for the device attached, it saves the trouble of manually changing the speed/transfer mode configuration.

■ Totally Bus-Powered

The UE2-100TX directly draws its power from USB bus (ex. USB cable). Thus unlike most of other external PC peripherals, it requires no external power source such as an AC adapter.

■ Supports Flow Control

Its Flow Control functionality prevents packet loss by eliminating overflow, a state in which the system runs out of buffer memory due to excessive data communication.

Specifications

| Product Model Number | UE2-100TX |
|------------------------------------|--|
| Supported Network Standards | IEEE802.3(10BASE-T) IEEE802.3u(100BASE-TX) IEEE802.3x(Flow Control) Auto-Negotiation, Full/Half duplex |
| Supported USB Standards | USB spec.2.0 |
| Interfaces | LAN interface: 10BASE-T/100BASE-TX (RJ-45 STP connector x 1) PC interface: USB2.0(TypeA) x 1 * The on-board USB interface of UE2-100TX is USB2.0(TypeB) |
| Flow Control | Full Duplex: IEEE802.3x Half Duplex: Back Pressure |
| Network Port | RJ-45 STP connector x 1 |
| USB Port | USB Type B x 1 |
| LED | Link/Tx/Rx |
| Power Supply | Bus-powered (draws power from USB cable) |
| Power Input | 5V DC 330mA |
| Power Consumption | 1.65W max. |
| Dimensions | 54(W) x 22(H) x 80(D)mm (main body) |
| Weight | 100g |
| Materials | Plastic |
| Cable Length | 30cm |
| Operating Temperature | 0 to 40 degrees Celsius |
| Operating Humidity | 35 to 85% |
| Supported Platforms | IBM PC/AT compatible with interl486 processor or greater, requires a USB interface and 16MB or more memory |
| Supported OSes | Windows 2000/Windows Me/Windows 98 Second Edition, WindowsXP *Since Windows98SE and Me do not support USB 2.0, only USB 1.1-based operation is supported under these two OSes |

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| EMI | FCC Class B, VCCI Class B, CE |
| Package Contents | UE2-100TX, User's Manual, Driver CD-Rom, USB 2.0 Cable (1m) |

▼ Product view

