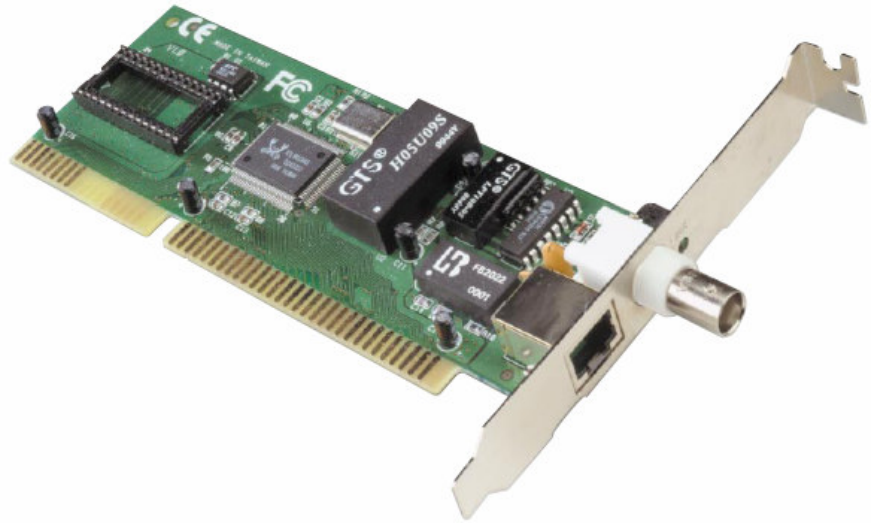


B&E Technologies

E-104 10base Ethernet Adapter for ISA Bus

This is a 16-bit Ethernet NE2000 compatible Adapter for the ISA bus. It supports jumper less configuration with an easy to use configuration program. It also supports Plug and Play configuration. It has jacks for unshielded twisted pair or coax connections to the network. The adapter is supplied with a QNX network driver. A QNX network boot ROM is also available.



LAN Interface

- 8/16 bit ISA bus
- 10Mbps transmission rate
- NE2000 compatible
- Full or half duplex auto negotiation
- I/O mapped (Can be set in the range from 200 to 3E0 in increments of 20)
- Interrupts (2, 3, 4, 5, 10, 11, 12, 15)
- ROM: Optional Boot ROM
- RAM: 16KB packet buffer
- Jumper less NE2000 configuration
- Configuration via PnP BIOS or supplied QNX and DOS setup programs
- Auto detect BNC or UTP interface
- Uses NE2000 drivers or provided drivers for most popular networking operating systems

Operating Environment

- Power: +5V DC @ 0.5A max.
- Operating Temperature: 0°C to 55°C
- Storage Temperature: -40°C to 70°C
- Operating Humidity: 10% to 90% (non-condensing)
- Storage Humidity: 5% to 90% (non-condensing)

Product Specifications

Physical Specifications

- PCB mounted low profile RJ-45 and BNC Connectors
- LED indicator for link status: indicates link is operating normally
- Dimensions: 157mm x 60mm (6.18" x 2.36")

Warranty

- 2 years

Installation Considerations

ETHERNET

Twisted Pair Cable

- Category 3 or better unshielded twisted pair
- Distance from node to hub: 100m (325 ft)

Coax Cable

- Thin coaxial cable: RG-58A/U 50 ohm coaxial cable (0.2 inch diameter)
- Maximum Segment length: 185m (600 ft)
- Minimum Segment length: 0.5m (1.6 ft)
- Maximum number of coax segments between nodes: 5
- Maximum number of nodes per coax segment: 30
- BNC 50 ohm terminator required at each end of trunk and one must be grounded

ALSO AVAILABLE

CT-E001 QNX Boot ROM

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