Product Specifications

BOCA RESEARCH

Product Code: ME34T2
Product Name: V.34 BOCACOMBOcard-PC
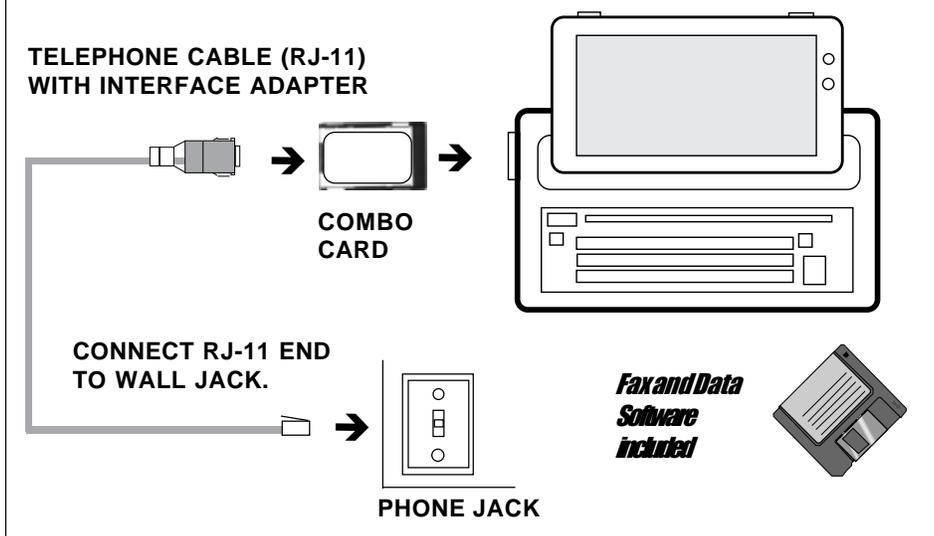
FIVE-YEAR LIMITED WARRANTY

The BOCACOMBOcard-PC provides a complete integration for the mobile professional. It features both a V.34 modem plus 10Base- and, with optional cable, 10Base2 Ethernet connectivity. The card connects portables directly to popular LAN environments while offering data communications with send/receive fax.

The card is switchless, software-configurable, and includes an intelligent "enabler" which recognizes any previously installed card services software. This makes the card compatible with most current and future generations of portable, notebook, and palmtop computers.

Sample Configuration

TELEPHONE CABLE (RJ-11) WITH INTERFACE ADAPTER

COMBO CARD

CONNECT RJ-11 END TO WALL JACK.

PHONE JACK

Fax and Data Software included

Modem Features

• 28,800bps (V.34) data/send-receive fax modem
• Designed for most notebook and laptop which support the PCMCIA Type II slot specification
• Compatible with the Hayes AT command set
• Provides MNP and V.42 protocols for error correction
• Provides MNP5 and V.42bis data compression for throughput up to 115,200bps.
• Stores configuration in non-volatile memory
• Auto-dial and auto-answer; tone or pulse dialing
• Automatic detection of incoming data or fax calls
• Asynchronous communications
• Conforms to CCITT and U.S. Bell standards: V.34, V.32bis, V.32, V.22bis, V.22, Bell 212A, and Bell 103
• FCC Part 15, FCC Part 68 approved; DOC certified

Fax Features

• 14,400 bps send and receive fax
• Group 3 fax compatibility (Class 1)
• Background send and receive functions through Windows
• Transmit a fax to a single receiver or broadcast to a group

Modem Specifications

Features: PCMCIA Type II
28,800bps data (V.34)/14,400bps fax (V.32bis)
Hayes AutoSync
Flash ROM for field upgrades
Durable "sonic seal case"

Error Correction/Detection: MNP 2-4, 10; V.42

Data Compression: MNP 5 for 2:1 data; V.42bis for 4:1 data

Command Sets: Hayes AT, Microcom-compatible, EIA-578 Class I fax, EIA-TR29.2 Class II

Certifications: FCC Part 15, Class B, FCC Part 68 PSTN, DOC

Fax Operation: CCITT Group III; EIA-578 Class I; EIA-TR29.2 Class II

Environment: Temperature: Operating: 0° C to +45° C, Storage: -25° C to +60° C, Altitude: 0 to 20,000 feet; Humidity: 10 to 90%

Power Consumption: Active: 1.375W @ 5V
Sleep: .975W @ 5V

Release 1.0
6/95

Product Specifications

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Product Code: **ME34T2**
Product Name: **V.34**
BOCACOMBOcard-PC

Ethernet Features
- Fully complies with Personal Computer Standard, release 2.0, of the Personal Computer Memory Card International Association (PCMCIA).
- Fully complies with IEEE 802.3 specifications for 10Base-T and, with optional cable, 10Base2 Ethernet Local Area Networks.
- "Hot-swap" capability allows you to install and remove the card without powering down.
- Fully software-configurable with no switches or jumpers to set.
- Requires no external power supply.
- PCMCIA-standard 68-pin connector.

Network Driver Support
- Novell's NetWare, OS/2, Microsoft Windows for Workgroups, and Banyan Vines.

System Requirements
- A laptop, notebook, or compatible with at least one PCMCIA Release 2.0 Type II adapter slot.
- MS-DOS or IBM PC-DOS 5.0 or higher.

Ethernet Specifications

Network Interface Standards:
PCMCIA Type II; IEEE 802.3
Network Connector/Cable:
RJ-45 Male; AWG 22, 24, 26; Unshielded Twisted Pair

Operating Distance:	100m (328')
Hub Compatibility:	All 10Base-T
	All 10Base2 (with optional cable)
Power Use:	0.25 watts, 0.5-watt maximum
Data Bus Width:	8-bit (I/O)
Buffer Memory:	16KB
Data Transfer:	Memory Mode
Adapter Size:	Type II
Environment:	Temperature: Operating: 0° C to +50° C
	Altitude: 0 to 10,000 feet
	Humidity: 10 to 90%
Certifications:	FCC Part 15, Class B
LAN Drivers:	Novell, Windows for Workgroups, OS/2,

and Banyan Vines network operating systems

Sample Configurations

SPECIAL DUAL RJ-45/ BNC CABLE

CONNECT FOR 10BASE-T...

SPECIAL DUAL RJ-45/ BNC CABLE

...OR, CONNECT FOR 10BASE-T WITH OPTIONAL DUAL CONNECTOR ETHERNET CABLE...

...OR, CONNECT FOR 10BASE2 WITH OPTIONAL DUAL CONNECTOR ETHERNET CABLE, OR