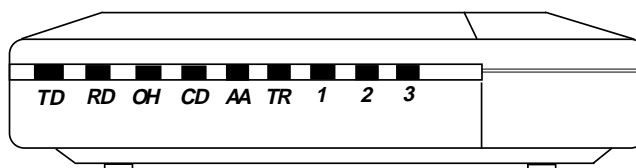


Product Specifications



Product Code: PRO16SA
Product Name: Boca PRO16
Corporate Modem



The Boca PRO16 Corporate Modem is an external 16-bit 28,800bps (V.34) modem that is ideally suited for businesses providing optimum features and functionality. It offers 28,800 bps data and 14,400 bps send/receive fax transmission, complete security features, synchronous and asynchronous communications, and dial-up or leased line operation.

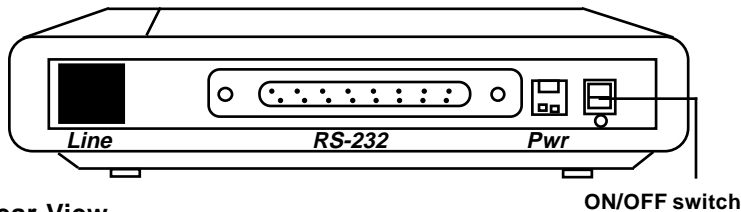
The Boca PRO16 Corporate Modem supports full error control and data compression providing a

maximum throughput of up to 230,400 bps*. It provides full security features such as password, dial-back, and encryption, keeping data safe from unauthorized personnel. Its Flash ROM capability makes upgrades in the field quick and easy. The Boca PRO16 Corporate Modem provides the functionality needed to meet the demands of a complex communications environment.

| Features | Benefit |
|-------------------------------------|--|
| • 28.8Kbps data transmission | • Faster connections to on-line services and the Internet. |
| • 14.4Kbps fax transmission | • Send/receive faxes from your desktop. |
| • 16-bit processor | • Provides greater speed and flexibility for modem operation. |
| • Standard and Leased Lines | • Greater flexibility to support dedicated mission-critical corporate connections. |
| • Asynchronous/synchronous | • Access a wide range of dial-up services as well as both async and sync mini and mainframe computers. |
| • Full security features | • Password, dial-back security, and encryption makes data unreadable to unauthorized personnel. |
| • Universal remote access | • Take control remotely to reconfigure modem. |
| • Auto-dial, answer, disconnect | • More productivity and efficiency when making connections. |
| • Error control V.42/MNP 2-4 | • Monitors data transfers with self correction. |
| • MNP10 | • Optimizes performance in environments with poor line quality (e.g. International). |
| • Data compression V.42bis/ MNP 5 | • Maximum throughput up to 230,400 bps*. |
| • Tone or pulse dialing | • Full compatibility on all standard telephone lines. |
| • Stored number dialing | • Up to 10 phone numbers may be stored in non-volatile memory. |
| • Selectable flow control | • Ensures no data is lost if terminal and line speed are different. |
| • Constant/variable speed interface | • Terminal and line speed can be locked or allowed to vary. |
| • Diagnostics | • Local/remote digital and analog loopback and auto POST. |
| • Flash ROM | • Makes updates in the field quick and easy. |
| • Built-in speaker | • Call monitoring/status indication during call progress. |
| • Hayes compatible | • Full conformance with Hayes AT command set. |
| • On-Line Help in ROM | • Enables quick and easy access to all modem parameters. |
| • 5-year Limited Warranty | • Includes various phone and on-line technical support options. |
| • Internet/On-Line Services | • Access the World-Wide Web. |

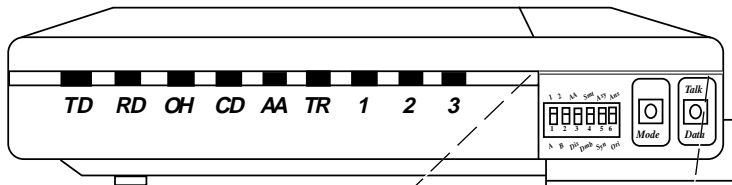
• Requires 16C650 UART serial card.

Product Specifications

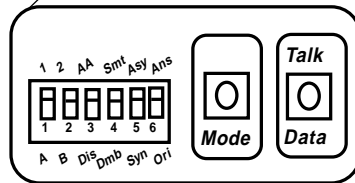


Rear View

ON/OFF switch



Front Panel Door Open Showing Switches



Front Panel LEDs

TD - Transmit Data - Flashes when modem sends data.

RD - Receive Data - Flashes when modem receives data.

OH - Off Hook - ON when modem is on-line (dialing or answering).

CD - Carrier Detect - ON when modem detects a valid carrier signal from a remote modem.

AA - Auto Answer - ON to indicate auto-answering operation enabled.

TR - Terminal Ready - Indicates the Data Terminal Ready (DTR) signal is asserted
1, 2, 3 - Indicates Line Modulation speed.

Switches 1-2: Used to select AT command mode or V.25bis command mode, and to control the state of the DTR and DSR signals.

Switches 3-6: Used to set up dumb mode operation as well as manually selecting loopback tests in Smart Mode.

Minimum System Requirements:

- A computer with a 486 processor or Pentium
- 4MB RAM (8MB recommended)
- Hard disk with 6MB of free space
- Microsoft Windows 3.x or Windows 95
- MS-DOS 5.0 or higher
- Mouse
- High-speed serial port (16C550 UART) required for 28,800bps communication.
- 16C650 UART for 230,400bps communication.

Package Includes:

- External Boca PRO16 Corporate Modem
- Power supply
- RJ-11 telephone cable
- 25-pin to 9-pin/25-pin serial Y cable
- Communications software package
- Installation manual

• Requires 16C650 UART serial card.

Specifications

Dimensions: Height: 1.24" (31mm)
 Length: 8.72" (218mm)
 Width: 4.88" (122mm)

Power: Plug pack: 15VAC 10VA

ITU Standards:

| | |
|----------------------|------------------------|
| V.34 (28,800bps) | V.32bis (14,400bps) |
| V.32 (9,600bps) | V.22bis (2,400bps) |
| V.22 (1,200bps) | V.23 (1,200/75bps) |
| V.21 (300bps) | V.17 (fax 14,400bps) |
| V.29 (fax 9,600bps) | V.27ter (fax 4,800bps) |
| Bell 212A (1,200bps) | Bell 103 (300bps) |

Terminal Speeds: 300bps-230,400bps*

Command Sets: AT commands (async mode only);
 EIA Class 1 and 2 fax commands; V.25bis commands.

Data Formats: Synchronous; Asynchronous: 7/8 data bits

Flow Control: RTS/CTS, XON/XOFF and transparent XON/XOFF (async mode only)

Error Correction: V.42, MNP2-4 and MNP10

Data Compression: V.42bis and MNP 5

Environmental: Operating 0° to +45° C

Humidity: Operating: 10% to 90% non-condensing