

# Socket SDIO 56K Modem Card



## Easy Internet Access with Advanced Modem Features

The Socket SDIO 56K Modem Card transforms your Dell, HP, Asus or Symbol Pocket PC into a portable data communications tool, giving you the freedom of high speed Internet access, email and faxing from any analog phone line — from home, a hotel or remote office.

Cellular coverage isn't ubiquitous, and most hotels still don't have Wi-Fi, but virtually every place you go will have telephone access. The Socket SDIO 56K Modem Card is your most reliable option for Internet access from your Pocket PC, plus features state-of-the-art modem technology to offer *Faster Data*, *Quicker Connections*, and *Advanced Features*.



**Faster Data** — V.92 boosts upstream data rates between the user and Internet Service Provider (ISP) to reduce upload time for large files and email attachments. In addition, V.92 uses higher data compression ratios, which increases the data throughput speed up to twice as fast as other V.90 modems.

**Quicker Connections** — Quick Connect, a V.92 feature, shortens the time it takes to make a connection by saving phone line characteristics for later use. With Quick Connect, the time it takes to dial into the Internet can be reduced by approximately 50%!

**Advanced Features** — Don't worry about missing that important call. The Modem will signal your Pocket PC whenever incoming calls arrive and allow you to answer without dropping your Internet connection.

### Software for Windows Mobile

Socket offers three great software utilities. The Socket Connection Setup Wizard makes it easy to set up dial-up connections, so you don't have to manually configure all the settings. The Socket Modem-on-Hold utility alerts you whenever incoming calls arrive, and allows you to accept or make phone calls without dropping your Internet connection. Plus, with Socket Modem Utilities, you can program the modem to work in any country — great for international travelers!

### Hardware Features

The modem features Link and Data LEDs and an internal speaker for monitoring connection status. It's Hayes AT compatible, so you can use it worldwide with popular communications software. The modem has V.92 and V.90 technology for the most advanced data compression, and works with Plug and Play and hot swapping. Plus, the modem is among the lowest power in its class, making it ideal for Pocket PCs.



The Socket SDIO 56K Modem Card works in the SDIO slot of the HP hx2750 iPAQ Pocket PC.

## FEATURES

- Small modem card in SD form factor is only 81 mm (3.2 in) long
- Works in SDIO slot of Dell, HP, Asus and Symbol Pocket PCs with SDIO *Now!* software from BSQUARE
- 2 LEDs indicate Link and Data Transmission
- Internal Speaker to monitor connection status
- Supports Quick Connect, Caller ID, and Modem-On-Hold\*
- Low power modem uses only 18 mA (inactive)
- Sleek design integrates connector and SDIO card into one simple, durable unit
- Plug and Play, hot swapping support
- Three Year Warranty

### Software for Windows Mobile

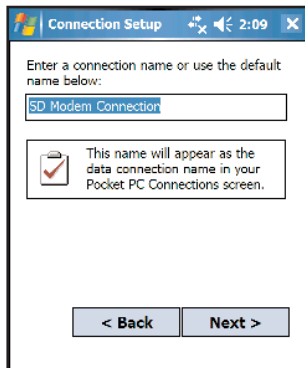
- Socket's Modem Utilities lets you program the modem for different countries, adjust the speaker volume, and enable Quick Connect and Modem-on-Hold
- Connection Setup Wizard makes it easy to set up a dial-up connection
- Modem-On-Hold utility alerts you when incoming calls arrive and enables you to receive or make phone calls without dropping your Internet connection. Caller ID also supported if you subscribe to that service.\*
- Applet reports connection time & baud rate
- Support for square screens, landscape mode

### Standards & Protocols Supported

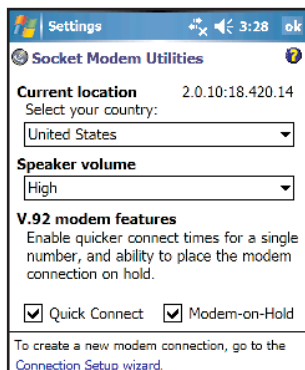
- ITU-T V.92, V.90 & 56Kflex data modulation
- Hayes AT commands
- Supports V.44 for improved data compression
- Asynchronous and full-duplex
- Automatic or manual answer and origination
- Standard error correction and data compression tools
- Auto-step downward compatibility for connection
- Fax transfer rate up to 33.6 kbps
- Class 1 fax command set

\*Quick Connect and Modem-on-Hold require a V.92 Internet Service Provider. Modem-on-Hold requires Call Waiting service from your local phone company. For call identification, Type 2 Caller ID service from your phone company is required.

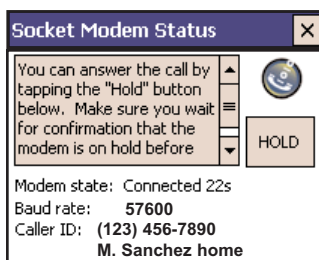
# Socket SDIO 56K Modem Card



The Socket Connection Setup Wizard makes it easy to set up a dial-up connection.



Socket Modem Utilities makes it easy to configure the modem for different countries, adjust the speaker volume, or enable advanced V.92 features.



Socket Modem-On-Hold utility allows you to accept or place telephone calls without losing your network connection.

## SPECIFICATIONS:

### Physical Characteristics

**Dimensions** L x W x H: 81 x 41 x 20 mm  
**Weight:** 0.9 oz (26 g)

### Power Consumption (DC 3.3V):

**Active:** 118 mA      **Inactive:** 18 mA

### Compatible Devices:

- Pocket PCs with the following:
- Windows Mobile 2003/2003SE/5.0
  - SDIO slot
  - BSQUARE's SDIO Now! software in ROM

For the latest compatibility list, visit:

[www.socketcom.com/matrix/](http://www.socketcom.com/matrix/)

**Line Requirement:** Public Switched Telephone Network, Analog only

**Receiver Sensitivity:** 0-43 dBm

**Dialing Methods:** Tone and Pulse

### Data Mode:

- ITU-T V.92: 56 kbps
- ITU-T V.90: 56 kbps upstream, 33.6 kbps downstream
- ITU-T V.34: (33.6 kbps)
- ITU-T V.32bis: (14.4 kbps)
- ITU-T V.32: 9.6 kbps, V.22 (1200 bps)
- ITU-T V.23: 1200/75 (FSK)
- ITU-T V.22bis: (2.4 kbps)
- ITU-T V.21: 300 bps (FSK)
- ITU-T Bell 212A (1200 bps), Bell 103 (300 bps)
- Modem-on-Hold
- Type 2 Caller ID

### Error Mode and Data Compression:

- ITU-T V.42bis: data compression and MNP 5 data compression
- ITU-T V.42: error correction (LAPM, MNP)
- ITU-T V.44 data compression

### Fax Mode:

- ITU-T V.34: 33.6 kbps
- ITU-T V.17 14.4 kbps
- ITU-T V.29: 9.6 kbps
- ITU-T V.27ter 4.8 kbps
- ITU-T V.21 Channel 2: 300 bps
- ITU-T T.31 Class 1 Fax Command Set
- ITU-T V.250 AT Command Set

### Operating Modes:

- Asynchronous - Full Duplex
- Automatic and Manual Call
- Originate

### Environmental Conditions:

#### Operating:

**Temp:** 32 to 131° F (0 to 60° C)  
**Humidity:** 5 to 95% (Non Condensing)

#### Storage:

**Temp:** -13 to +158° F (-25 to -70° C)  
**Humidity:** 5 to 95% (Non Condensing)

### Certification/Compliance:

FCC Part 68      CTR 21      IC  
 A-Tick            C-Tick            RoHS



Socket SDIO 56K Modem Card and Asus MyPal730 Pocket PC.\*

\*Shown with rubber collar (included).

## FOR ADDITIONAL INFORMATION:

**Website:** [www.socketcom.com](http://www.socketcom.com)

**Product #:** M07200-558

### Sales Offices - Corporate Headquarters:

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