

[http://groups.google.com/d/topic/comp.dcom.modems/QJY5ACBg5\\_M/discussion](http://groups.google.com/d/topic/comp.dcom.modems/QJY5ACBg5_M/discussion)

comp.dcom.modems >

Telebit T2500

2 posts by 2 authors

Maxim Samo

5/20/89

Recently someone has mentioned the Telebit T2500 Modem and his functions. Is the T2500 already available and how much does it cost?

Thanx,  
Maxim

--  
SMAIL: Maxim Samo | UUCP: maxim@subch.UUCP  
P.O.Box | BANG: {backbone}!impch!subch!maxim  
CH-4125 Riehen | VOICE: +41 61 672771

Richard Siegel

5/23/89

In article <106@subch.UUCP>, maxim@subch.UUCP (Maxim Samo) writes:  
> Recently someone has mentioned the Telebit T2500 Modem and his functions.  
> Is the T2500 already available and how much does it cost?  
>

In response to many similar requests, I am reposting the T2500 product announcement. Note in this announcement, we have also reduced the price to \$1495 for both standalone and rackmount form factors.

Telebit has been shipping the T2500 for close to two months. Also, this modem will be available through the Internet Discount Program (see posting of about 2 weeks ago) for \$899 prepaid. I hope this helps to answer questions.

=====  
Richard Siegel Phone: (415) 969-3800  
Product Manager UUCP: {sun,uunet,ames,hoptoad}!telebit!rls  
Telebit Corporation ARPA: telebit!rls@ames.ARPA

"We are, after all, professionals"...HST

=====  
NEW DIAL-UP MODEM FROM TELEBIT OFFERS  
FULL COMPATIBILITY WITH PEP, V.32 AND LOW-SPEED MODEMS

MOUNTAIN VIEW, Calif.-- February 6, 1989 -- Recognizing the market's need for a high-speed modem that is compatible with today's universe of dial-up modems, Telebit Corporation today introduced the industry's first modem to provide full compatibility with CCITT V.32 and low-speed modems as well as multicarrier PEP modems.

"High-speed connectivity has become critical for the long-term success of businesses and institutions of all sizes," said Lewis F. Ellmore, Telebit president and chief executive officer. "For this reason, organizations worldwide are seeking dial-up communication solutions that allow them to transfer data at speeds greater than 9600 bps while maintaining compatibility with V.32 modems and the installed base of low-speed modems. Telebit's T2500 PEP modem offers these organizations the ultimate solution: speed, connectivity and universal compatibility in one cost-effective package."

The T2500 operates in both synchronous and asynchronous environments and supports all major modem-industry standards. It communicates with other T2500 modems and the installed base of Telebit and other multicarrier PEP modems at speeds up to 18,000 bps without data compression and up to 19,200 bps with data compression. When communicating with V.32 modems, the T2500 supports error-free transmission speeds up to 9600 bps with Trellis-Coded Modulation (TCM). For organizations with low-speed connectivity needs, the T2500 offers downward compatibility with CCITT V.22 bis, V.22, V.23, V.21 and Bell

V.42 compatible, the T2500 supports error correction and data compression through MNP Class 5 for speeds of 9600 bps and below. At higher speeds, the Telebit modem ensures data integrity with PEP 16-bit CRC error-detection and control protocols and delivers data compression using a Lempel-Ziv algorithm.

In addition to providing universal compatibility, the T2500 offers users the connectivity benefits of Telebit's patented multicarrier PEP technology. Because Telebit's PEP (Packetized Ensemble Protocol) technology enables the modem to take advantage of the entire bandwidth of the telephone line rather than just one or two frequencies, the T2500 maintains connections on telephone lines that modems using conventional technologies are not able to sustain. The T2500--like all other PEP modems--adjusts its transmission speed in 100 bps decrements when faced with deteriorating lines, rather than halving its transmission speed as do non-PEP modems. As a result, the T2500 delivers throughputs over ordinary telephone lines up to six times faster than possible with other dial-up modems.

In asynchronous PEP mode, performance is maximized by providing integrated support for UNIX UUCP, Kermit, Xmodem, Ymodem, and SNA/SDLC file-transfer protocols.

With the T2500, users do not need to invest in new data communications programs or modify their existing software. The factory default Conventional Command Mode allows the T2500 to be configured automatically using any software that supports the Hayes V-series command set, while Telebit's Enhanced Command Mode allows users to take full advantage of the T2500's advanced features, such as remote configuration management.

"The T2500 provides organizations a means to realize the benefits of today's technology without putting their communications investment at risk," said Ellmore. "Telebit's software-defined architecture allows future standards to be incorporated readily.

"Most important, Telebit's multicarrier technology continues to evolve -- users can expect to see further significant performance increases. In contrast, conventional, single-carrier technology has reached its ceiling for speed."

The T2500 is available as a standalone unit or as a rackmount system card, which can be installed in a Telebit T9000 rackmount system chassis. Each chassis holds up to 12 modem cards and mounts into a standard 19-inch EIA rack for easy integration with other data communications equipment. An intelligent controller card permits local or remote configuration, monitoring, control and testing of up to four racks (48 modem cards) for system administration at a central site.

List price for both units is \$1695. Availability for the standalone model is April 1989 for asynchronous functions and second quarter 1989 for synchronous functions. Rackmount cards are available third quarter 1989.

Upgrades are available for the standalone and rackmount versions of Telebit's TrailBlazer Plus, a 19,200 bps asynchronous modem. Also available are upgrades for the standalone and rackmount versions of the T2000, a high-speed SDLC modem.

TrailBlazer Plus and T2000 standalone and rackmount card modems purchased before January 1, 1989, can be upgraded for \$795. Upgrades for TrailBlazer Plus and T2000 products purchased after January 1, 1989 will be available from Telebit for \$395. Upgrades must be pre-paid and will require return to the factory.

Additional product information can be obtained by calling 1-800-TELEBIT or (415) 969-3800.

Telebit Corporation, a leader in the high-speed dial-up modem market, develops, manufactures and markets advanced high-speed communications products for dial-up networking and wide-area digital communications. The company's digital signal processing and packet transmission technologies allow for the software implementation of widely used communications protocols. Telebit markets its product worldwide through original equipment manufacturers, value-added resellers, distributors and direct sales to major national accounts.

Telebit, TrailBlazer and Packetized Ensemble Protocol are registered trademarks and TrailBlazer Plus and PEP are trademarks of Telebit Corporation. Hayes is a registered trademark and V-series is a trademark of Hayes Microcomputer Products, Inc. IBM is a trademark of International Business Machines. MNP is a trademark of Microcom, Inc. UNIX is a trademark of AT&T Bell Laboratories.