



# Tech Info Library

## MacX25: System Requirements and Product Details

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### TOPIC -----

This article gives the system requirements for using MacX25 as well as details about what MacX25 offers.

### DISCUSSION -----

#### System Requirements

##### - MacX25 Server

To set up a MacX25 server, you need:

- Any modular Macintosh computer with an internal hard disk and at least 2MB of memory for System software version 6.0.7 (4MB of memory for version 7.0)
- Macintosh System software version 6.0.7 (or later) or version 7.0
- An Apple Serial NB Card with the appropriate RS-232-C or V.35 cable
- The appropriate cable connectors

To use MacX25 on an Ethernet or a token ring network, you need the appropriate interface card for your Macintosh.

##### - MacPAD

To use MacPad, you need:

- A Macintosh Plus computer or later model with at least 1MB of memory

for System software version 6.0.7 (2MB of memory for version 7.0)

- A terminal-service application that uses the Macintosh Communications Toolbox
- The appropriate cable connectors

To use MacPAD on an Ethernet or a token ring network, you need the appropriate interface card for your Macintosh.

## Product Details

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### - General Features

MacX25 supports:

- CCITT 1980 Compatible Mode
- CCITT 1984 Compatible Mode
- Packet Assembler/Disassembler (X.3, X.28, and X.29)
- Operation as a DTE
- Operation as a DCE
- Virtual Circuits: 64 maximum
- A single link for each Apple Serial NB Card
- Multiple cards for each modular Macintosh
- Operation at up to 19.2 Kbps with RS-232-C
- Operation at up to 64 Kbps with V.35
- Multiple servers for each AppleTalk network system

MacX25 doesn't support:

- Permanent Virtual Circuits
- X.32 switched circuit operation

### - Network Certification

MacX25 is certified for connection to Telenet, GEIS (GEISCO), and Tymnet networks; and in Europe, for Austria (DATEX-P), France (Transpac), Germany (DATEX-P), Italy (ITAPAC), the Netherlands (Datnet-1), Norway (DATAPAK), Sweden (DATAPAK), and Hong Kong (DATAPAK).

In addition, MacX25 can be used to connect to the public PSDN in Australia (Austpac), Canada (Datapac), Denmark (DATAPAK), and Switzerland (Telepac).

### - MacX25 Programming Library

The MacX25 Programming Library allows developers to create software solutions that provide users with access to a packet-switched data network. It works in conjunction with the MacX25 server to provide X.25 services to application programs.

The library is a toolkit, or collection of C language routines, that offers a high-level program interface for applications. Routines are

included for initiating and terminating contact with the MacX25 server, establishing and closing down a virtual circuit, passing data across an established circuit, and more. Technical support is available to Apple Partners and Associates.

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