Tech Info Library

X.25: Number of Serial Ports on a Serial NB Card (3/94)

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Revised:        3/24/94
Security:       Everyone
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TOPIC ---

How many ports can I configure on my Apple Remote Access Multiport Server when using MacX25 and the X.25 Extension?

DISCUSSION --

You can configure a maximum of eight ports per card, however, the practical limit may be lower. The limit varies directly with the X.25 link speed for your network (usually measured in kilobits per second, or Kbits/sec.) and inversely with the speed of the connecting modems (usually measured as bits per second, or bps).

If your X.25 link is shared by other services in addition to Apple Remote Access, the actual limits may be even lower. In general, X.25 performance will always be somewhat lower with X.25 than with a modem-to-modem connection.

The following table gives you an idea of possible variations for the maximum practical ports per serial card:

	9.6Kbits/sec link speed	19.2 Kbits/sec link speed	56/64 Kbits/sec link speed
all client modems 2400 bps	3 ports per card	6 ports per card	8 ports per card
half 2400 half 9600 bps modems	1 port per card	2 ports per card	6 ports per card
all 9600 bps modems	1 port per card	2 ports per card	4 ports per card

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