

BRI and PRI ISDN Cards for Remote Access Servers

Connect up to 46 concurrent remote ISDN users or sites to your network by simply installing ISA cards into your server.

The Netaccess BRI and PRI ISDN Cards™ offer the most cost-effective, scalable and manageable ways to provide ISDN remote access to a single user or group of any size. Installing a Netaccess BRI or PRI Card in your Microsoft Windows NT or Novell NetWare Server gives users a high concentration of digital pipelines — up to 23 channels per card. As the number of remote users or sites grow, multiple cards can be installed to meet

increased network access demands. When combined with remote access or multiprotocol router software, it provides users with seamless access to network services, applications, the Internet, and on-line services. The Netaccess BRI and PRI Card's onboard processor offloads communications tasks from the server to improve server performance.



BRI and PRI ISDN Cards for Remote Access Servers

Features and Benefits

End-to-end digital communications—

Provides error-free digital transmission. More efficient—requires fewer resends than analog technology.

User friendly interface—

Allows quick set-up and operation in Windows NT or Novell NetWare environments.

Works with ISA PCs with Microsoft Windows NT Server 3.5x/4.0, Novell NetWare 3.x, 4.x—

Enables PCs running Windows NT and Novell NetWare to provide a high-performance connection for application and remote network access.

Basic and Primary Rate Interfaces simultaneously handle a large population of remote users—

High concentration of users (up to 46 concurrent users per server) provides very efficient use of hardware.

Microsoft Remote Access Service (RAS)—

Allows connection from any PPP-compliant client.

Novell NetWare MultiProtocol Router and NetWare Connect—

Works as an ISDN router or remote access server using Novell NetWare Connect and Multi Protocol Router.

Four times the speed of a V.34 modem—

Exceptionally cost-effective and reliable high speed file transfers and access to enterprise databases, online services and the Internet.

Specifications

Models:

MCI-8

Four 2B + D S/T Basic Rate Interfaces
Eight channel ISA board with four RJ-45 data cables

Requires a Network Termination type 1 (NT1)

MCI-23

T1 Primary Rate Interface (23B + D)
Twenty-three channel ISA board with RJ-45 data cable
Requires Channel Service Unit (CSU)

Power Requirements:

MCI-8

Input voltage: +5 VDC, +5%, 2.0 A typical
Output voltage: +/- 1V peak to peak on Telco line

MCI-23

+5 VDC, +5%, 2.0 A typical

Environmental Conditions:

Operating Range: 0 to 40 °C, 32 to 104 °F

Storage Range: -20 to 65 °C, -4 to 149 °F

Humidity: 10-90% non-condensing

Memory Size

MCI-8: 512KB RAM

MCI-23: 2MB RAM, 256KB EPROM configuration storage

LEDs

MCI-23: Four LEDs used as part of diagnostic tool for troubleshooting

I/O Base Address Ranges:

MCI-8 (16 bytes required)

0x1E0 - 0x3E0

MCI-23 (16 bytes required)

0x1E0 - 0x3E0

Memory Base Ranges:

MCI-8 (16K required)

0xC8000 - 0xEE000

MCI-23 (16K required)

0xC8000 - 0xEE000

Certification

FCC Part 15, Class A

UL, CSA

UL1950, CSA C22.2950

Switch Compatibility

MCI-23/8

- AT&T 4ESS and 5ESS (Custom and NI-1)
- Northern Telecom DMS-100, DMS-250

Software Compatibility

Network Operating Systems

- Microsoft Windows NT 3.5x/4.0 via NDIS 3.0 WAN Miniport Driver

Remote Communication Server Software

- Microsoft Remote Access Service (RAS)
- Novell NetWare Connect
- Novell MultiProtocol Router

Hardware Compatibility

MCI-8: Full-size ISA slot

MCI-23: Full-size ISA slot

Windows NT Server: 386 40 MHz or greater with a minimum of 16 MB of memory

Novell MPR: Intel 386 PC with 12 MB RAM

Novell NetWare Connect:

3.12, 8MB or more

4.1, 24 MB or more

Warranty

5 year hardware, 90 day software

Support

The Netaccess Support Team offers 7 x 24 support - staffed with engineers to meet your most technical individual service and support needs.



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