AUSTRALIA CONNECTS WITH NetComm®

SCINTRA600 Intra PCI Card

THE NEW STANDARD FOR RAS COMMUNICATIONS

NetComm's SCINTRA600 series of PCI RAS cards introduces a new level of performance and flexibility not available in conventional multi-modem cards. SCINTRA is far more than just a bank of up to eight modems plugged together on a PCI card. Onboard dedicated acceleration hardware along with the latest V.92 Chipset technology from Connexant delivers the highest throughput while placing minimum load on your server's processor. Efficient handling of the eight COM ports eliminates data corruption errors and poor throughput that is so often the case under high load conditions using conventional serial port modems.

Flexible Application

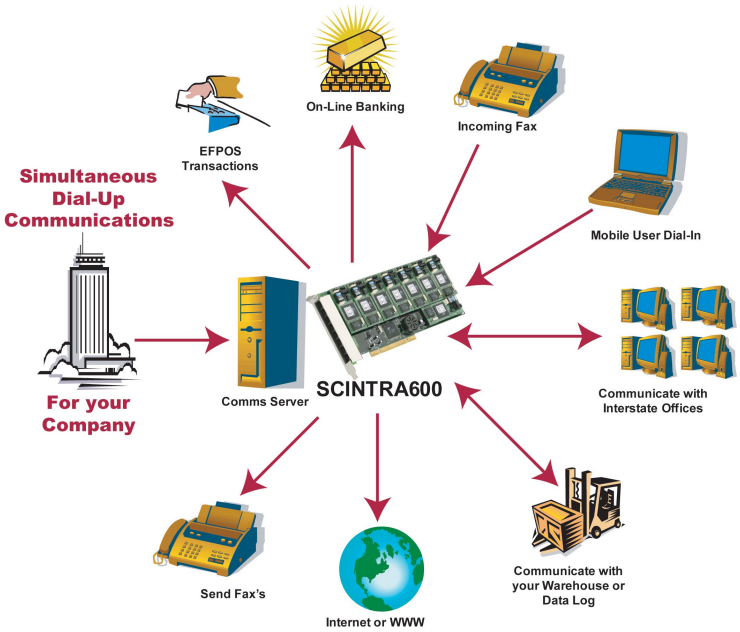
Simultaneous Dial-up communications for your office computer or Network system is easy to achieve with this simple to install solution. Combined with off the shelf software for applications such as EFPOS, On-Line Banking, Fax Serving, Data Logging, Remote or Internet access, your business can ecconomically deliver the services your customers and users need.

Integrity Assured

With the Intra PCI, there is no need to compromise the security of your network or server by broadcasting all your remote communications across your LAN to a communications black box. There's no need for exposure to proprietary solutions that put holes in your server's firewall. The Intra is fully integrated with your server operating system environment. This integrity ensures from the start you have all the protection you need.

Easy to Install and Upgrade

The Intra PCI server cards are Plug & Play compliant. They are also designed to support the latest PCI bus interfaces. There are no switches or jumpers to set. Simply install the card using your operating system's standard procedures and installation wizards. The Intra PCI card has been designed to ensure it functions with the full range of third party communications software. There are no messy cables, no stacks of external modems or network devices to go wrong. You just simply connect your computer and network directly to the phone lines - no fuss, no hassles. The Intra PCI card is available in a number of module configurations with two, four, six or eight modems already preinstalled. Additional modules are available to upgrade the Intra 2, 4, or 6 PCI cards.



SYSTEM REQUIREMENTS

- Intel x86 PC Server.
- Available PCI slot.
- Windows NT4, 2000, XP or Linux (2.4 kernel or later) operating system.
- RJ11 PSTN Line Ports.

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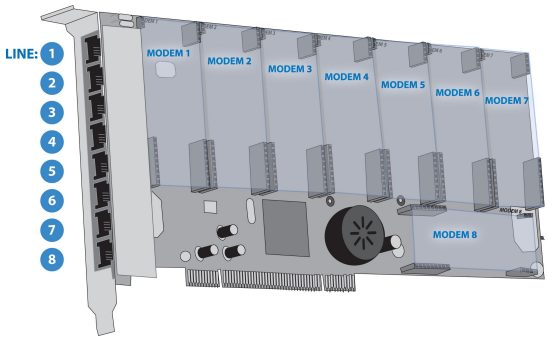
SCINTRA600 has been designed around NetComms award winning IG1000 Modem Module delivering flexible configurations, exceptional reliability and superior upgradability. SCINTRA600 is available in base configurations of 2, 4, 6 and 8 modems. SCINTRA 2,4 & 6 port modem cards can be upgraded to a maximum of 8 modems by simply installing the INTRA-IG1000 Module upgrade Kit.



FEATURES

- Exar enhanced UART
- 64 Byte transmit and receive FIFOs
- Hardware flow control
- Data and fax operation
- Industry standard Connexant V.92 modem chipset
- Up to 4 cards per Server - OS Dependant.

Software

Drivers supplied for:

- Windows® 2000
- Windows® NT
- Windows XP Professional
- Windows Server 2003
- Linux (2.4 Kernel or later)

Facsimile

- Send and receive up to 14.4 Kbps Group 3, Class 1 and Class 2

Host Interface

- 32 Bit PCI Bus
- Full PCI plug and play compliant •Single interrupt per card

Dimensions

- 225mm (L) x 105mm (H)

Operating Temperature

- 10°C to 45°C

Relative Humidity

- 5% to 90% non-condensing

Approvals

- FCC B, Austel A96/0392, CTR21, EN60950, CE, ATick

Warranty

- 1 year warranty out of the box. Extra 2 years Free with On-Line registration at www.netcomm.com.au

Package Contents

- Intra V.92 PCI Card
- User Guide
- Driver CD
- RJ11 Telephone Line Cord

Model Number

- SCINTRA602 INTRA V.92-2 Modem PCI Card
- SCINTRA604 INTRA v.92-4 Modem PCI Card
- SCINTRA606 INTRA V.92-6 Modem PCI Card
- SCINTRA608 INTRA V.92-8 Modem PCI Card

Additional Modules

- IG1000C50AU

MODEM SPECIFICATIONS

- ITU-T V.92 with PCM upstream rates up to 48 kbps, QuickConnect, and Modem-on-hold functions
- V.90, V.34, V.32bis, V.32, V.22 bis, V.22, V.23, and V.21; Bell 212A and Bell 103
- MNP 10EC™ enhanced cellular performance
- V.250 and V.251 commands
- V.22 bis fast connect
- Data compression and error correction
- V.44 data compression for optimal downloading of Internet Web pages and files
- V.42 bis and MNP 5 data compression
- V.42 LAPM and MNP 2-4 error correction
- Fax modem
- V.17, V.29, V.27 ter, and V.21 channel 2
- EIA/TIA 578 Class 1 and T.31 Class 1.0 commands, Class 2
- V.80 synchronous access mode supports host-controlled communication protocols with H.324 interface support
- Upgradeable Flash ROM
- Data/Fax/Voice call discrimination
- Hardware-based modem controller and digital signal processor (DSP)
- Worldwide operation
- Call progress, blacklisting
- External flash ROM includes default values for 29 countries
- Distinctive ring detect
- Caller ID detect
- On-hook Caller ID detection
- Off-hook Call Waiting Caller ID detection during data mode in V.92, V.90, V.34 V.32bis, or V.32
- Telephony/TAM
- Leased Line Functionality
- V.253 commands
- 2-bit and 4-bit Conexant ADPCM, 8-bit linear PCM, and 4-bit IMA coding
- 8 kHz sample rate
- Concurrent DTMF, ring, and Caller ID detection
- Built-in host/DTE interface with speeds up to 230.4 kbps
- Direct mode.
- Flow control and speed buffering.
- Automatic format/speed sensing.

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