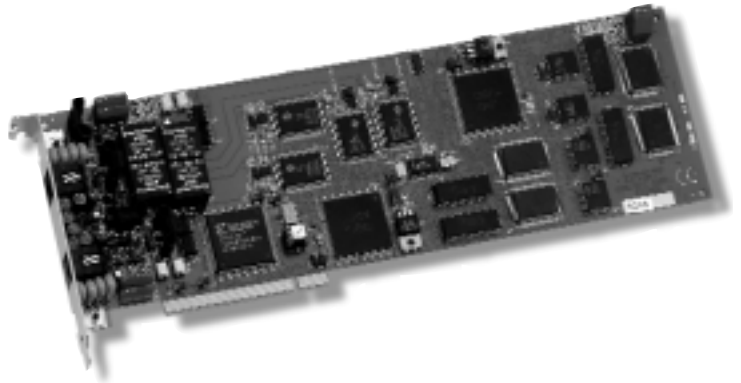


Intel® Dialogic® CPi/200 PCI Board and Intel® Dialogic® CPi/400 PCI Board

Two- and Four-Port Analog Fax Boards for PCI

PCI is Here to Stay

A growing demand for PC performance and processing power has led PC manufacturers to develop bus configurations such as PCI that can transport more bits of data at a faster rate. Intel delivers the Intel® Dialogic® CPi/200 PCI board and the Intel® Dialogic® CPi/400 PCI board as a robust computer-based fax solution that uses PCI technology.



Enterprise Solutions Under PCI

The Dialogic CPi/200 PCI board and Dialogic CPi/400 PCI board are both ideal solutions for computer-based fax installations that require PCI compatibility. They are designed to optimize network-based fax servers and customized applications. They have two (CPi/200 PCI board) or four (CPi/400 PCI board) telephone line interface circuits approved for direct connection to analog loop start lines. The dual-processor architecture, composed of a modem and a microprocessor dedicated for each fax channel, provides transmission speeds up to 14.4 Kb/s. An on-board switch can be set to a unique board number for each board within a multi-board configuration. Install multiple Dialogic CPi/200 PCI boards or Dialogic CPi/400 PCI boards in a single PC chassis to create cost-effective systems that are scalable up to 32 ports.

Features and Benefits

- PCI 2.1 compliant
- Up to 32 ports per chassis
- Up to 4 PCI bridges per chassis
- Two or four 14.4 Kb/s modems on board
- T.30 protocol
- MH, MR, and MMR compression
- ASCII to TIFF on the fly
- PCX on the fly
- ASCII on TIFF overlay
- Easy integration with Microsoft® Windows NT® and Windows® 2000
- Continued API support for the GRT interface will let you upgrade to PCI without modifying your existing software applications
- Board switch allows you to distinguish between multiple boards within a PCI chassis

Applications

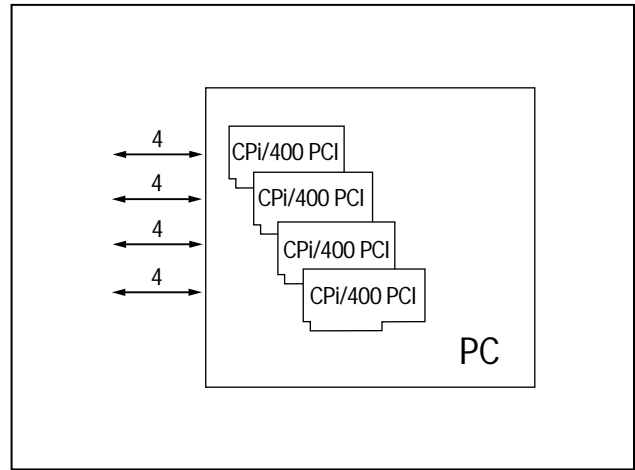
- LAN fax
- Fax-on-demand
- Service bureaus

intel®

International PTT Approvals

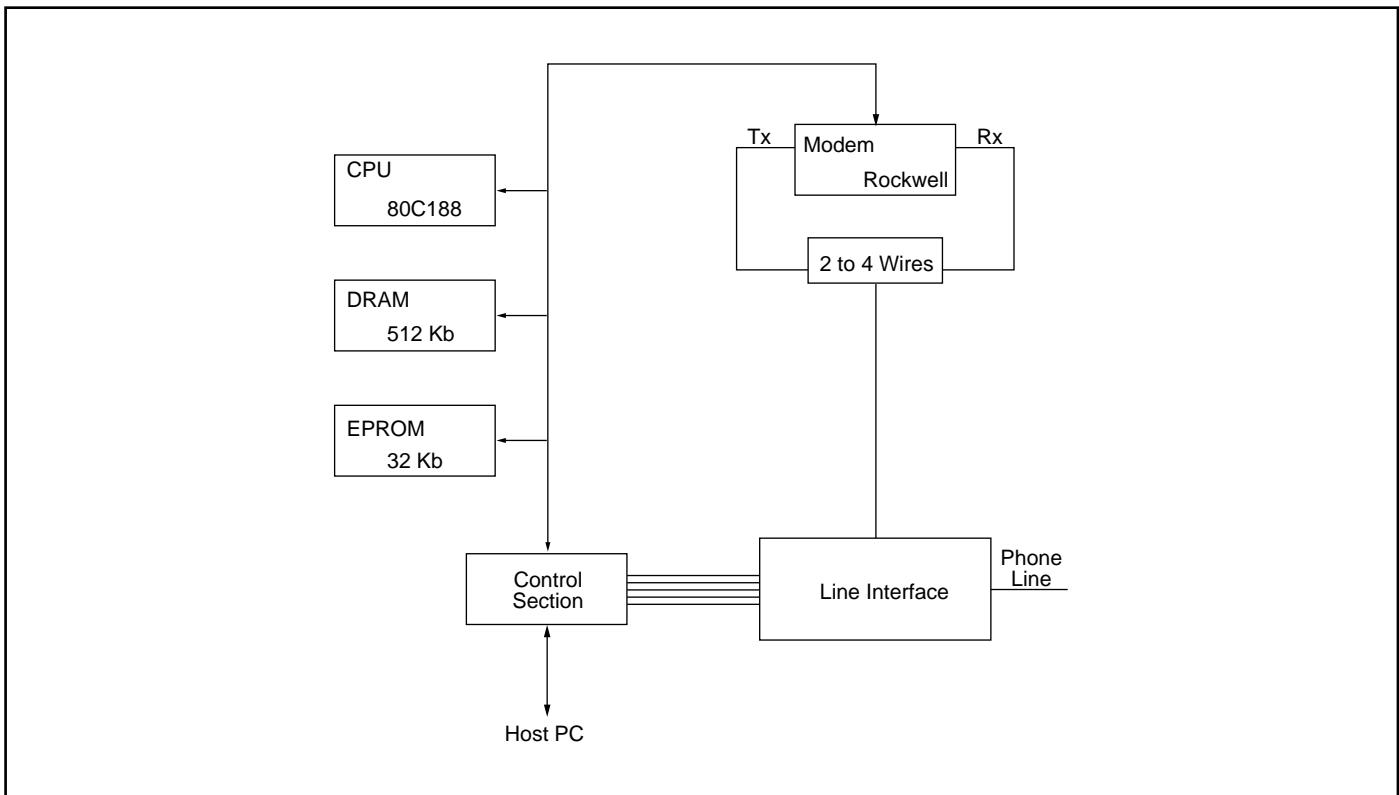
At Intel, obtaining PTT product approvals is a top priority. International approvals ensure that any installed hardware is functional and can legally be connected to the network in a specific country. Intel has the largest number of product approvals in the industry. The Dialogic CPi/200 PCI board and Dialogic CPi/400 PCI board meet TBR21 pan-European requirements and have a large number of international approvals, an important advantage if you are selling your products abroad. Consult the Dialogic Web site at <http://www.dialogic.com/products/finalap.htm> for a current listing.

Configurations



Install one or many Intel® Dialogic® CPi/200 or Intel® Dialogic® CPi/400 PCI boards in a server to build a system that supports up to 32 ports of computer-based fax.

Functional Description



Software Support

Intel simplifies development and deployment by making the CPi/200 PCI board and CPi/400 PCI board compatible with Microsoft® Windows NT® and Windows® 2000 operating systems. This means support for a wide variety of applications, including LAN fax, fax on demand (FOD), service bureaus, and more.

The Dialogic CPi/200 PCI board and Dialogic CPi/400 PCI board are supported by the Dialogic Fax Development Kit for Windows NT/2000.

Technical Specifications**

Ports per chassis	32
Ports per board	CPI/200 (2) CPI/400 (4)
Capabilities	Answer Dial Error Correction Mode (ECM) Touchtone Detection (DTMF) Binary File Transfer (BFT) T.30 Subaddressing
Compression	MH-T.4 1D (Modified Huffman) MR-T4 2D (Modified Read) MMR-T.6 (Modified Modified Read)
Data rate	V.17—14.4 Kb/s, 12 Kb/s, 9600 b/s, 7200 b/s V.33—14.4 Kb/s, 12 Kb/s V.29—9600 b/s, 7200 b/s V.27 ter—4800 b/s, 2400 b/s

HARDWARE:

Per channel	20 MHz 80C188 CPU 512 K RAM
Per board	LED status indicators
Power consumption	6.5 watts
Telephony connection	Loop start (2 or 4)
PC bus	PCI

SAFETY AND EMI CERTIFICATIONS:

FCC approved
C-UL approved
UL approved
Meets TBR21 requirements

** All specifications are subject to change without notice.

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