

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

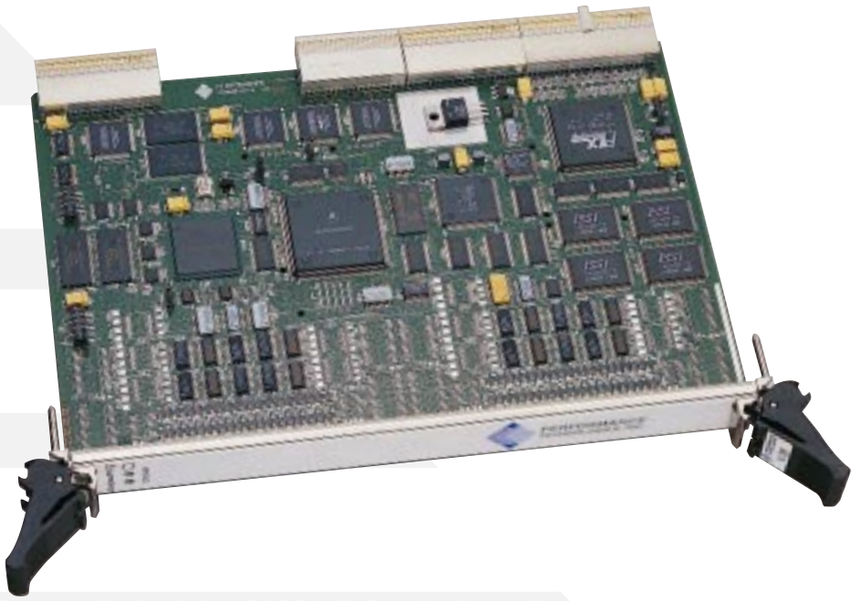
Visit our website - *Click HERE*

PT-CPC344/348 4 and 8 Port CompactPCI® WAN Communications Engine

Features
-Benefits

- Multipurpose intelligent WAN communications adapter for 6U CompactPCI systems
  Provides high speed interface to T1 routers, frame relay access devices, high speed modems, and other WAN connectivity devices
- Four or eight high speed synchronous channels
  Capable of sustaining 2Mbps per port for the variety of protocols used in synchronous data communications
- RS-422, V.35, and RS-232 line interfaces
  For various communications applications
- Based on the 66/40MHz Motorola® MPC860MH PowerQUICC Datacomm processor
  Provides high speed performance for sophisticated WAN applications
- Hot Swappable
  Complies with the latest PICMG 2.5 Computer Telephony Specification for hot swap on CompactPCI and H.110
- 16MB of dedicated DRAM memory
  Extended space for large application programs and data storage
- Front or Rear I/O
  Rear panel I/O through J3 & J5, front panel I/O through 80 pin D-connectors
- Available protocol solutions
  X.25, Frame Relay, SS7, HDLC, Radar Receiver, Synchronous Bit Stream, Async, and DDCMP
- Comprehensive OS support
  Solaris™, Windows NT® VxWorks® and QNX®

PERFORMANCE TECHNOLOGIES, INC



Performance Technologies' CPC344/348 Intelligent Synchronous Communications Adapter provides four or eight high performance channels capable of interfacing with T1 routers, DSU/CSUs, frame relay access devices, high speed modems, or other high speed synchronous communication devices.

The CPC344/348 plays a significant role in making Performance Technologies a full line supplier of quality, high performance data communications and connectivity solutions for the workstation, server, and embedded markets.

Software Support

PTI's comprehensive suite of WAN communications protocols provides complete WAN connectivity solutions for the X.25, Frame Relay, SS7, HDLC, Radar Receiver, Synchronous Bit Stream, Asynchronous, or DDCMP protocols.

For the Solaris™ environment, PTI's ComLink® Communications Software provides a transparent link to all SunLink® protocols.

For custom protocol development, the ProtoKit Development Environment enables the integration of customer specific WAN protocols to the CPC344/348.

The CPC344/348 provides full support for the Solaris™, VxWorks®, Windows NT®, and QNX® operating system environments.

Hardware Features

The CPC344/348 is designed as a fully programmable communications subsystem capable of sustaining high data rates for a variety of protocols used in synchronous data communications.

The architecture of the CPC344/348 capitalizes on Motorola® MPC860MH PowerQUICC Datacomm Processor. The advanced feature set of the MPC860MH allows for the superior handling of multichannel synchronous communications.

The CPC344/348 adapter enhances overall system performance by utilizing the onboard intelligence and large 16MB DRAM array dedicated exclusively to the PowerQUICC. This provides adequate memory space for accepting WAN application programs upon boot, and for data storage during program execution.

Critical to any telecom system is the ability to hot swap its board level components. The CPC344/348 fully complies with the latest PICMG hot swap specification by incorporating the PLX PCI9054 Bus Master Interface. This hot swap friendly device fully enables the hot insertion and extraction of boards into an operating chassis.

The 80mm rear transition module for the CPC344/348 rear I/O models improves reliability and hot swappability by being fully passive with no active components.

PT-CPC344/348 4 & 8 Port CompactPCI WAN Communications Engine

Specifications

Performance:	*4 or 8 Ports @ 2 Mbps bi-directional, simultaneously, sustained 8 Mbps max line speed*
Processor:	*66/40 MHz Motorola® MPC860MH PowerQUICC (4 & 8 Port)* *33 MHz Motorola® QUICC (8 port)*
Specification Compliance:	*CPCI Revision 2.1 compliant, including all PCI required configuration registers and protocols.* *PICMG 2.1 Hot Swap Compliant*
DRAM Memory:	*16 MB*
Physical Interface:	*RS-232C/DB25, RS-449/DB37, and V.35/M34*
Modem Control:	*CTS, DSR, DTR, DLD, RTS (also RI, LT for V.35)*
Compliance:	*All currently applicable ANSI/ISO standards*
MTBF:	*> 400,000 power-on hours (POH)*
Communication Protocols Supported:	*X.25, Frame Relay, SS7, HDLC, Radar Receiver, Synchronous Bit Stream, Asynchronous, DDCMP*
Power:	*11 watts maximum (2.2A @ +5 V)*
Dimensions:	*6U Eurocard form factor*
Temperature:	*Operating: 0° to 50° C (32° to 122° F)* *Non-operating: –20° to 80° C (–4° to 176° F)*

Ordering Information

CPC344 4-Port Adapter (Rear Panel I/O via J5)

PT-CPC344-10951	**Four Port RS-232C**
PT-CPC344-10952	**Four Port RS-449/422**
PT-CPC344-10953	**Four Port V.35**

CPC348 8-Port Adapter (Rear Panel I/O via J5 & J3)

PT-CPC348-10944	**Eight Port RS-232C**
PT-CPC348-10945	**Eight Port RS-449/422**
PT-CPC348-10946	**Eight Port V.35**

CPC344 4-Port Adapter (Front Panel I/O)

PT-CPC344-10954	**Four Port RS-232C**
PT-CPC344-10955	**Four Port RS-449/422**
PT-CPC344-10956	**Four Port V.35**

CPC348 8-Port Adapter (Front Panel I/O)

PT-CPC348-10947	**Eight Port RS-232C**
PT-CPC348-10948	**Eight Port RS-449/422**
PT-CPC348-10949	**Eight Port V.35**

Rear Panel Transition Modules (80mm)

PT-CRIS-P-10993	**4-Port Passive Transition Module**
PT-CRIS-P-10933	**8-Port Passive Transition Module**

PERFORMANCE TECHNOLOGIES, INC

315 Science Parkway
Rochester, NY 14620
Tel: 716 256 0200
Fax: 716 256 0791
E-mail: info@pt.com
Internet: www.pt.com

Contact PTI's main office for regional sales office information.

Specifications subject to change without notice.
All brands or names mentioned herein are trademarks or registered trademarks of their respective holders.

9/98
P/N 079A013110

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP