

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

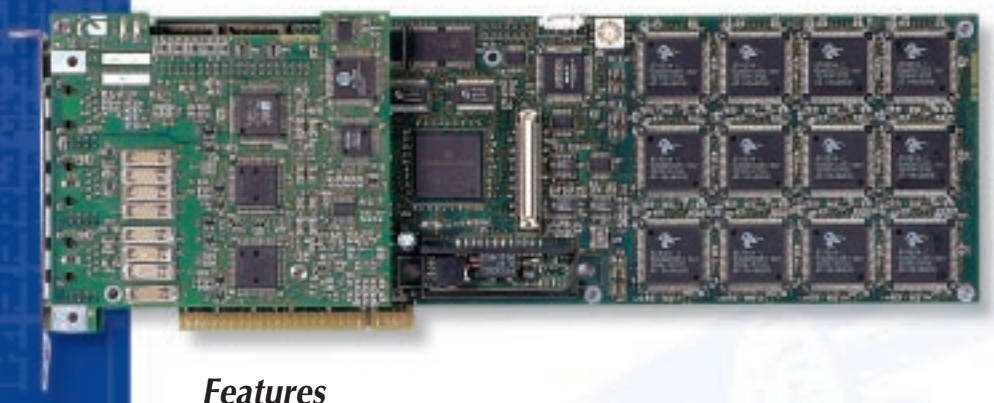
Expert team | Trust guarantee | 100% satisfaction

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

Find the *AudioCodes AudioCoded TP-200* at our website: *Click HERE*

AudioCoded™ TP-200

PCI VoIP Communication Board



- Voice over IP Gateways
- Carrier Grade Platforms
- IP enabled Call Centers

Features

- 60 voice/fax/data ports
- VoIP packet streaming and RTP/RTCP for IP Telephony
- On-board 10Base-T NIC
- MVIP, SCBUS or on-board E1/T1 interfaces
- Single slot plug and play PCI board
- Low power consumption - 10 Watts

Description

The *AudioCoded* ***TP-200*** VoIP Communication Board provides VoIP packet streaming for 60 ports in a single PCI slot. Standard TDM bus interfaces, such as MVIP or SCSA are available for integration with other CTI Products. An on-board NIC interfaces the IP network based on a standard RTP/RTCP media streaming protocol. An optional dual E1/T1 interface can be used to connect to the PSTN, with on-board signaling support.

Twelve *AudioCoded* Voice over Packet Processors perform all voice band functions for 5 ports each. The VoIP DSP features include G.723.1, G.729A, proprietary NetCoder™ voice compression, and G.168 compliant echo cancellation. The board supports G3 fax relay, silence suppression, DTMF detection and VoIP IA 1.0 relay. The VoIP DSP also performs lost packet interpolation to enhance voice quality.

A dedicated communication processor implements the RTP/RTCP packet streaming, offloading the packets directly to and from the on-board NIC. This feature enhances the scalability of the solution by not passing the packet load through the host processor. A sophisticated dynamic jitter buffer is being managed by the communication processor to protect against the effects of network delay jitter. This architecture leaves the host processor free to perform call control protocols such as H.323 or MGCP, and application management.

An optional dual E1/T1 interface daughter-board provides ***TP-200*** users with yet a higher level of integration, saving the additional slots of separate telephony interface cards, and reducing the per channel costs. On-board software is available to handle E1/T1 signaling. The board has been approved for ETSI CTR4, supporting European ISDN on the E1 span, and other approvals are pending.

The ***TP-200*** is an ideal high-density, integrated, cost-effective solution for transporting voice and fax traffic over IP packet networks. Software support for the board is provided with the VoIP Windows-NT library, which supports the full range of *AudioCoded* VoIP Communication Boards. AudioCodes is committed to protect its' customers integration investment as the *AudioCoded* VoIP Communication Board series evolves forward.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

AudioCoded™ TP-200

PCI VoIP Communication Board

Selected specifications

Capacity		60 independent digital voice, fax and data ports
Voice compression		G.723.1 MP-MLQ™ @ 6.3Kbps / ACELP @ 5.3Kbps G.729A CS-ACELP @ 8Kbps G.711 PCM @ 64Kbps u-law/A-law G.726/G.727 16 - 40 Kbps ADPCM and E-ADPCM NetCoder™ @ 4.8-9.6Kbps, 800 bps increment
Silence suppression		G.729 Annex B G.723.1 Annex A NetCoder™ PCM and ADPCM - Proprietary VAD and CNG
Echo cancellation		G.168, 25mS
Gain control		Programmable
Fax relay		Group 3 fax relay up to 14400 with auto fallback
VoIP IA compliance		DTMF: mute, transfer in coder or in RTP payload RTP/RTCP per RFC 1889/1890
In-band signaling		DTMF (TIA 464A) MFR1-MFR2, MFC, AC15, SS4, SS5 Call progress tones generation and detection
E1/T1 interface (optional)		Quantity 1 or 2 Connector RJ45 T1 CAS E&M, Loop Start, Ground Start
Compliance	Europe	European ISDN PRI, CTR4 compliant CTR4, CTR12, CTR13 CE Mark (EN55022, EN60950, EN50082-1)
	North America	FCC Part 15, UL1950, FCC Part 68
	Canada	CSA 22.2, CS-03
Packet interface		On-board NIC or PCI Selectable per port
TDM interfaces		SCSA bus, 1024 time-slots @ 4.096 Mhz MVIP bus, 512 time-slots @ 2.048 Mhz
Ethernet		10Base-T, RJ45 (used by card for RTP/RTCP) Optional 100Base-T replaces basic 10Base-T
Control processor		Motorola PowerQUICC MPC860
Core DSP		AudioCodes AC48105A-C VoIP DSP
Maximum power		1.7A @ 5V without E1/T1 2A @ 5V with dual E1/T1
Physical		Full length 32bit PCI, Rev 2.1, slave, 33 MHz
Operating system		Windows NT 4.0, Win-NT library, Linux, Solaris/INTEL

All specifications are subject to change without notice

International Headquarters
4 Hahoresh Road, Yehud, Israel 56470
Tel: +972 (3) 539-4000 Fax: +972 (3) 539-4040

USA
2890 Zanker Rd., San Jose, CA 95134
Tel: (408) 577-0488 Fax: (408) 577-0492

E-mail: marketing@audiocodes.com www.audiocodes.com

Ref# 02.2000/V.02

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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