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 *Adlink / Ampro Computers CM2-410-R-01* at our website: *Click HERE*

RoHS 2002/95/EC

Ampro CoreModule™ 410
486 PC/104 Single Board Computer
Rugged, Low Cost, RoHS-Compliant



Choose Ampro CoreModule 410 for…
Compact, rugged, embedded designs with modest performance requirements and microcontroller-like functionality where the tools and OS support for the PC architecture can simplify and speed the design process.

This product is not recommended for long-production-life applications, for example Medical with FDA approval requirements. Although the board is RoHS-compliant, the Cable Kit and QuickStart Kit are not.

Description
Based on STMicroelectronics™ 133MHz STPC® Elite processor, the Ampro CoreModule 410 provides a CPU and a core set of peripherals to control stand-alone, headless systems.

Ampro value

- –40° to +85°C
- 8 GPIOs
- 2 Serial ports
- PC/104 expansion

Ordering Information

MODEL	DESCRIPTION
CM2-410-K-01	133MHz QuickStart Kit (R-01 CPU, Cable Kit, Software, Documentation)
CM2-410-R-01	133MHz STPC Elite CPU, 16MB RAM
CM2-410-W-01	CoreModule 410 Cable Kit

Specifications

PROCESSORS
- 133MHz STPC® Elite
- Cache – 8kB Level 1
- System Controllers – PC-compatible DMA and interrupt controller and timers
- Real Time Clock – Battery-backed RTC/CMOS
- Watchdog Timer
- Powerfail Rest – Triggers when input voltage drops below predetermined thresholds

MEMORY
- 16MB soldered SDRAM
- 1MB Flash Memory, 768kB for OEM use

BUS INTERFACE
- PC/104 (ISA)

I/O
- EIDE – Enhanced DMA 33 Synchronous IDE interface supports up to two hard drives
- Bytewide Socket for DiskOnChip® 2000
- Serial – 2 ports, one is RS232/422/485
- Parallel – EPP /ECP bidirectional port
- Floppy – Supports 1 to 2 drives
- Keyboard/Mouse – PS/2 interface
- GPIO – Eight general-purpose digital I/O pins

NETWORK INTERFACE
- None

VIDEO INTERFACE
- None

SOFTWARE & DEVELOPMENT TOOLS
- OS Support – See Web site for current listings
- BIOS – General Software 5.2 with Ampro extensions

MECHANICAL
- Size – 90x96mm (3.6"x3.8"); PC/104 form factor
- Power Requirements (w/16MB RAM, 100% Loaded) – 1.0A @5V
- Temperature
  - Standard operating: –20° to +70°C
  - Optional operating: –40° to +85°C
  - Storage: –55° to +85°C

Производитель оборудования:
Ampro Computers, Inc.
5215 Hellyer Avenue, Suite 110, San Jose, California 95138, USA
Phone: +1 408-360-0200
Fax: +1 408-360-0222
Internet: www.ampro.com

Дистрибьютор в России и странах СНГ:
MicroMax Computer Intelligence, Inc.
Россия, 117638, Москва, улица Азовская, дом 6, корпус 3
Телефоны: +7 (495) 310-7666, 310-7427
Факс: +7 (495) 310-2502
Интернет: www.micromax.ru

AMPRO®

www.ampro.ru

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