

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

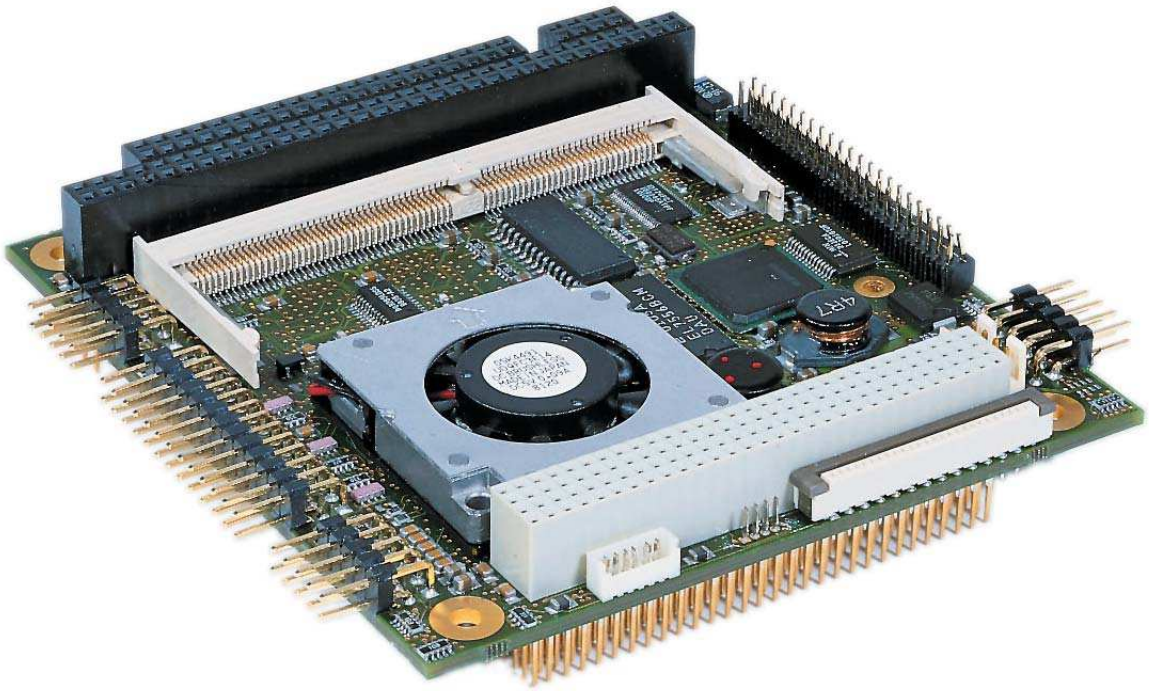
Expert team | Trust guarantee | 100% satisfaction

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

Find the *Kontron MOPS/686+* at our website: ***Click HERE***

MOPS*lcd6*

MOPS/*686+*



Intel® Communications Alliance
Associate Member
SILVER

- Fanless 166 MHz Pentium® MMX™, up to 266 MHz (fan)
- Onboard PCI graphic, LAN, USB, COM, LPT, IDE, FDC.
- Visualisation and Communication

Product Overview

The **MOPS***lcd6* (Minimized Open PC System) with its 166 MHz Intel® Pentium® MMX™ processor offers high reliability and performance at low power consumption of max. 9 Watt - no active cooling required. The PC/104-Plus (PCI signals) enables applications with high I/O performance requirements. The **MOPS***lcd6* is a high integrated CPU board which includes in addition to the standard interfaces a PCI graphic, a 10/100 MBit Ethernet and a USB interface. A watchdog timer and a realtime clock are standard. The SO-DIMM socket enables this board to be equipped with up to 256 MByte of SDRAM.

The lower socket is used as JIPA (Intelligent Panel Adaption) interface for connecting LCD flatpanels. The onboard PCI C&T Graphic-Controller supports mono-LCD, TFT and STN displays with resolutions up to SXGA (1280x1024).
A Kontron chipDISK (IDE compatible flash disk) with capacity up to 256 MByte can be plugged directly onto the 2.5" harddisk interface.

The **MOPS***lcd6* is also available with 266 MHz processors. For this version a fan for active cooling is mounted. A non graphic version is as well available.

...always a Jump ahead!

Technical Data

- **PC/104 and PC/104plus Industry Standard**
- **CPU:** Intel® Pentium® MMX™, 166 MHz fanless, 266 MHz fan
- **DRAM:** up to 256 MByte SDRAM-SO-DIMM
- **bootable flash harddisk:** up to 256 MByte — chipDISK IDE flash drive module
- **Onboard PCI C&T Graphic-Controller on MOPSlcd6:** CT69000, 2 MByte Video RAM
  Resolutions:
  640x480 up to 16 Mio. colors
  800x600 up to 16 Mio. colors
  1024x786 up to 64K colors
  1280x1024 up to 256 colors
  LCD and CRT simultaneous True 64-bit graphics engine and accelerator
- **10/100 BaseT Ethernet** Intel® 559ER or 551ER
- **Floppy Interface** ✓
- **EIDE Interface** Ultra33 DMA mode
- **Printer Interface** SPP/EPP/ECP
- **RS232** 2x
- **USB** 1x
- **Keyboard Interface** ✓
- **JIPA Interface for LCD´s** ✓
- **Setup in EEPROM** (i.e. bootable without battery) ✓
- **Watchdog timer** ✓
- **Power fail** ✓
- **Dimensions:** 96 x 90 mm (3.8 x 3.6“)
- **Power Consumption:** 5V only, 1,8 A typ.
- **Temperature:** operation: 0° to 60°C
  storage: -10° to 85°C
  (non condensing)
- **Humidity:** operation: 10% to 90%
  storage: 5% to 95%
  (non condensing)

Article	Part.-No.	Description
MOPS*lcd6*	01023-0000-16-2	Intel® Pentium® 166MHz, CRT/LCD, Intel® 559ER Ethernet, fanless
MOPS*lcd6*	01023-0000-17-2	Intel® Pentium® 166MHz, CRT/LCD, Intel® 551ER Ethernet, fanless
MOPS*lcd6*	01023-0000-16-3	Intel® Pentium® 166MHz, CRT/LCD, Intel® 559ER Ethernet, PC/104+, fanless
MOPS*lcd6*	01023-0000-17-3	Intel® Pentium® 166MHz, CRT/LCD, Intel® 551ER Ethernet, PC/104+, fanless
MOPS*lcd6*	01023-0000-26-2	Intel® Pentium® 266MHz, CRT/LCD, Intel® 559ER Ethernet, fan
MOPS*lcd6*	01023-0000-27-2	Intel® Pentium® 266MHz, CRT/LCD, Intel® 551ER Ethernet, fan
MOPS*lcd6*	01023-0000-26-3	Intel® Pentium® 266MHz, CRT/LCD, Intel® 559ER Ethernet, PC/104+, fan
MOPS*lcd6*	01023-0000-27-3	Intel® Pentium® 266MHz, CRT/LCD, Intel® 551ER Ethernet, PC/104+, fan
MOPS/*686+*	01023-0000-16-4	Intel® Pentium® 166MHz, Intel® 559ER Ethernet, fanless
MOPS/*686+*	01023-0000-17-4	Intel® Pentium® 166MHz, Intel® 551ER Ethernet, fanless
MOPS/*686+*	01023-0000-26-4	Intel® Pentium® 266MHz, Intel® 559ER Ethernet, fan
MOPS/*686+*	01023-0000-27-4	Intel® Pentium® 266MHz, Intel® 551ER Ethernet, fan
	common features:	SODIMM-socket, 10/100 MBit-Ethernet, 2x RS232C, USB, LPT, FDC, IDE, Keyboard

Corporate Offices

US/ Canada
6260 Sequence Drive
San Diego, CA 92121-4371

Tel.: +1 (0) 888 677-0877
Fax: +1 (0) 858 677-0898
sales@us.kontron.com

Europe, Middle East & Africa
Oskar-von-Miller-Str. 1
85386 Eching/Munich - Germany

Tel.: +49 (0) 8165 77 0
Fax: +49 (0) 8165 77 219
sales-kem@kontron.com

Asia Pacific
5F-1, 341, Sec 4, Chung Hsiao E.
Rd, Taipei, Taiwan

Tel: +886 2 2781 5791
Fax: +886 2 2741 7379
sales@kontron-asia.com

#MOPSlcd7#030611ad
All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccurancies. All brand or product names are trademarks or registered trademarks of their respective owners. DIMM-PC® and JUMPtec® are registered trademarks of Kontron Embedded Modules GmbH, Germany. Rev #WEBtoNET-030301-e

kontron
... always a Jump ahead!

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