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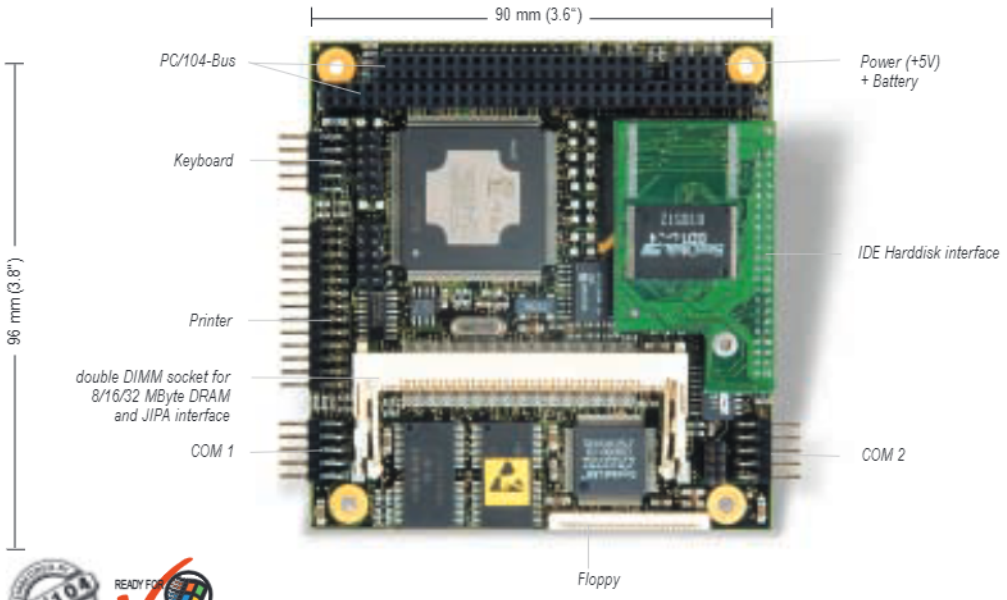
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MOPS*lcd4*
MOPS*/586*



Technical Data

- **PC/104** *industry standard*
- **CPU:** *5x86DX-133MHz*
- **DRAM:** *4 MByte fixed on board expandable with standard DIMM-module up to 36 MByte*
- **bootable flash harddisk:**
  Version 1: **BIOS compatible:**
  2 (1,6) MByte fixed soldered
  Version 2: **IDE compatible:**
  *can be extended by chip***DISK** *up to 96 MByte*
  Version 1 and 2 can operate parallel
- **IDE harddisk interface (2 mm)**
- **Floppy interface**
- **Printer interface**
- **2 x RS232**
- **Keyboard interface**
- **Onboard PCI C&T graphic-controller**
- **Resolutions:**
  640x480 up to 16 mio colors
  800x600 up to 16 mio colors
  1024x768 up to 64K colors
  1280x1024 up to 256 colors
- *LCD and CRT simultaneous*
- **True 64-bit graphics engine** *and accelerator*
- **JIPA interface**
- **2 MByte video RAM**
- **Ethernet,** *twisted pair (option)*
- **10 BaseT** *ethernet interface*
- **Setup in flash**
  (i.e. bootable without a battery)
- **Watchdog timer**
- **Power fail**
- **Realtime clock**
- **Boot counter**
- **Dimension:** *96x90 mm (3.8x3.6")*
- **Power consumption:**
  5 V, 2,4 A typ. with 4MB DRAM
- **Temperature:**
  operation: 0° to 60°C
  storage: -10° to 85°C
- **Max. humidity:**
  operation: 10% to 90%
  storage: 5% to 95%
  (non condensing)

Description

The **MOPS***lcd4 (Minimised Open PC System), with a computer processing performance of up to Am5x86-P75 with 133 MHz is certainly one of the most efficient and highly integrated CPU-modules in PC/104 size. In addition to the standard interfaces 2xRS232C, LPT, Floppy and EIDE, a "Boot Counter" and a Realtime clock are integrated as standard control functions. 4 MByte of main memory are already on board and can be expanded up to 36 MByte in the lower DIMM socket. The upper socket of this connector is used as JIPA (***JUMPtec®** *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 1280x1024. 2 MByte video memory allows color depths up to 16 million colors. A bootable BIOS compatible flash harddisk with 1,6 MByte is on board. A IDE compatible flash harddisk (chip*DISK*) up to 96 MByte can be plugged directly onto the 2,5" harddisk interface. As an option twisted pair Ethernet is also available.*

The **MOPS***/586 is optimized for headless operation. It includes all features of the* **MOPS***lcd4 except grafic.*

Ordering Information

Article	Part.-No.	Description
MOPS*lcd4*	*01022-0402-13-2*	*Am586DX-133 MHz, 4MB DRAM, 1,6 MB Flash-Harddisk, without Ethernet, with Graphic*
MOPS*lcd4*	*01022-0402-13-3*	*Am586DX-133 MHz, 4MB DRAM, 1,6 MB Flash-Harddisk, with Ethernet, with Graphic*
Without Graphic		
MOPS*/586*	*01022-0402-13-0*	*Am586DX-133 MHz, 4MB DRAM, 1,6MB Flash-Harddisk, without Ethernet*
MOPS*/586*	*01022-0402-13-1*	*Am586DX-133 MHz, 4MB DRAM, 1,6MB Flash-Harddisk, with Ethernet*

Accessories

Article	Part.-No.	Article	Part.-No.
MOPS*lcd4-DOC*	*96035-0079-00-0*	*ADA-FLOPPY-2*	*96001-0000-00-0*
MOPS*/586-DOC*	*96035-0078-00-0*	*FLOPPY-3,5*	*96009-0000-00-0*
DRAM-DIMM-4M	*97001-0400-00-0*	*FLOPPY-MOPS-1*	*96010-0000-00-0*
DRAM-DIMM-16M	*97001-1600-00-0*	*KAB-FLOPPY/-MOPS-1*	*96019-0000-00-0*
DRAM-DIMM-32M	*97001-3200-00-0*	*KAB-IDE-25*	*96020-0000-00-0*
*chip*DISK 8..96 MByte	*option*	*KAB-IDE-2MM*	*96021-0000-00-0*
*chip*DISK-*ADA1*	*96004-0000-00-0*	*KAB-VGA-1*	*06025-0000-00-0*
KAB-MOPS-SET2	*96002-0000-00-0*	*Cable for Display*	*93...*
KAB-KB-1	*96023-0000-00-0*	*JRC1*	*96047-0000-00-0*
KAB-DSUB25-1	*96015-0000-00-0*	*CONV-RS485G*	*96014-0000-00-0*
KAB-DSUB9-2	*96017-0000-00-0*		

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