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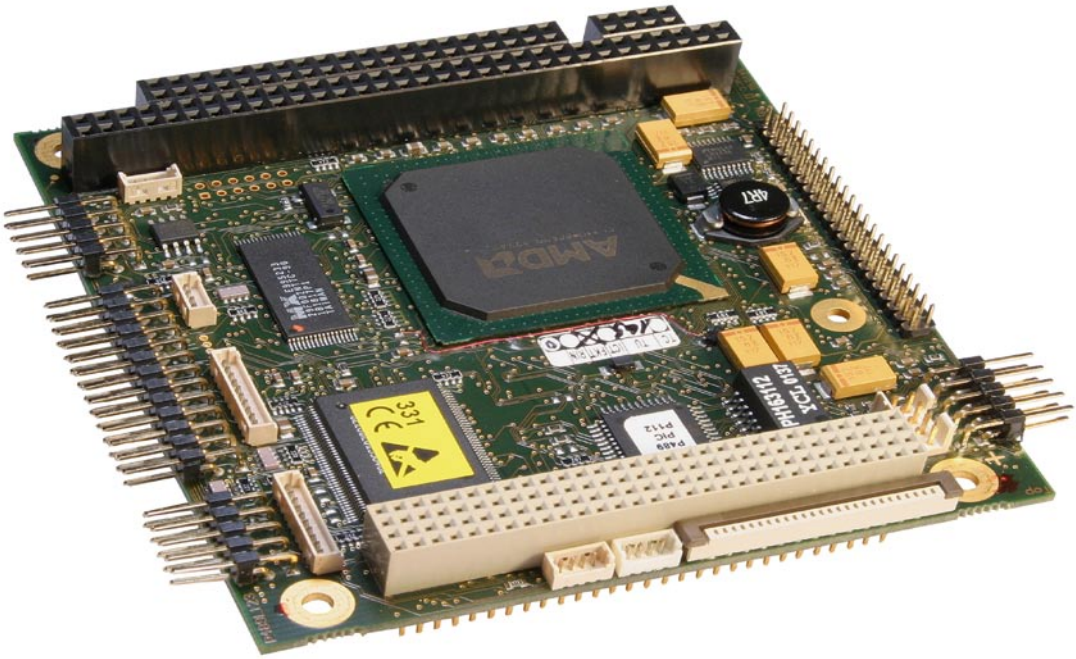
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Find the *Kontron MOPS/520* at our website: ***Click HERE***

kontron

» MOPS/520 «



PC/104-*Plus* board with AMD™ SC520 133MHz CPU

» Extreme low power, fanless design
» PC/104-*Plus* for ISA and PCI IO cards
» Full 16Bit I/O and memory support
» Full featured (USB, COM, IDE, etc.)
» Fast Ethernet 10/100 Mbit

MOPS/520

PC/104-*Plus* board with AMD™ SC520

MOPS/520 is a new PC/104 CPU board without graphics, which is perfectly integrated to the PC/104 product family. It's based on AMD™ SC520 at 133 MHz speed and offers a lot additional features! This high integrated board offers 4xCOM, 2x USB, 1x10/100 MBit Ethernet and PC/104-Plus for expansion. Due to the very low power consumption the MOPS/520 does not need active cooling.

All MOPS PC/104 boards have equal pinouts for keyboard, COM1&2, 44pin IDE and LPT. Easy upgrades within the Kontron PC/104 family are possible. The MOPS/520 is available with 32 and 64 MByte SDRAM on board. In combination with Kontron's chipDISK (up to 1 GByte Flash) very rugged and reliable systems, even for rough applications, can be realized.

Technical Information

Bus	16-Bit-ISA referring to PC/104 Standard and 32-Bit-PCI-Bus for PC/104-*Plus*
Processor	AMD™ SC520-133 MHz, fanless
System memory	32 / 64 MB SDRAM onboard
chipDISK	Prepared to host IDE-compatible Flash chipDISK, with up to 1 GByte
Interfaces	3 x RS232C with FIFO, 1 x COM TTL, 1 x ECP/EPP parallel
	1 x FDD for one drive 3,5", 2 x USB, 1 x PS/2-Mouse
	1 x AT-compatible keyboard
Hard Disk	1 x Local-Bus-HDD for max. two drives
Ethernet	1 x Ethernet 10/100Base-T
LAN Boot	PXE
Setup and Serial No in EEPROM	JIDA / JIDA32
Watchdog	JIDA / JIDA32
Dimensions	96 x 90 mm (3.8 x 3.6")
Power Consumption	5 V, approx. 750 mA @ 100 MHz
Temperature (*)	Operating: 0° to 60°C
	Storage: -10° to 80°C (non condensing)
Humidity	Operating: 10% to 90%
	Storage: 5% to 95% (non condensing)

(*) Ask about extended temperature ranges

Ordering Information

Article	Part.-No.	Discription
MOPS/520	01025-3200-13-1	Low Power AMD™ SC520 133MHz, onboard 32 MByte SDRAM, 3xRS232C, 1xTTL, 2xUSB, LPT, FDC, IDE, Ethernet (10/100)
MOPS/520	01025-6400-13-1	Low Power AMD™ SC520 133MHz, onboard 64 MByte SDRAM, 3xRS232C, 1xTTL, 2xUSB, LPT, FDC, IDE, Ethernet (10/100)
MOPS/520	01025-6400-13-4	PC/104-*Plus*, Low Power AMD™ SC520 133MHz, onboard 64 MByte SDRAM, 3xRS232C, 1xTTL, 2xUSB, LPT, FDC, IDE, Ethernet (10/100)

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#MOPS/520# 02182009WAN
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