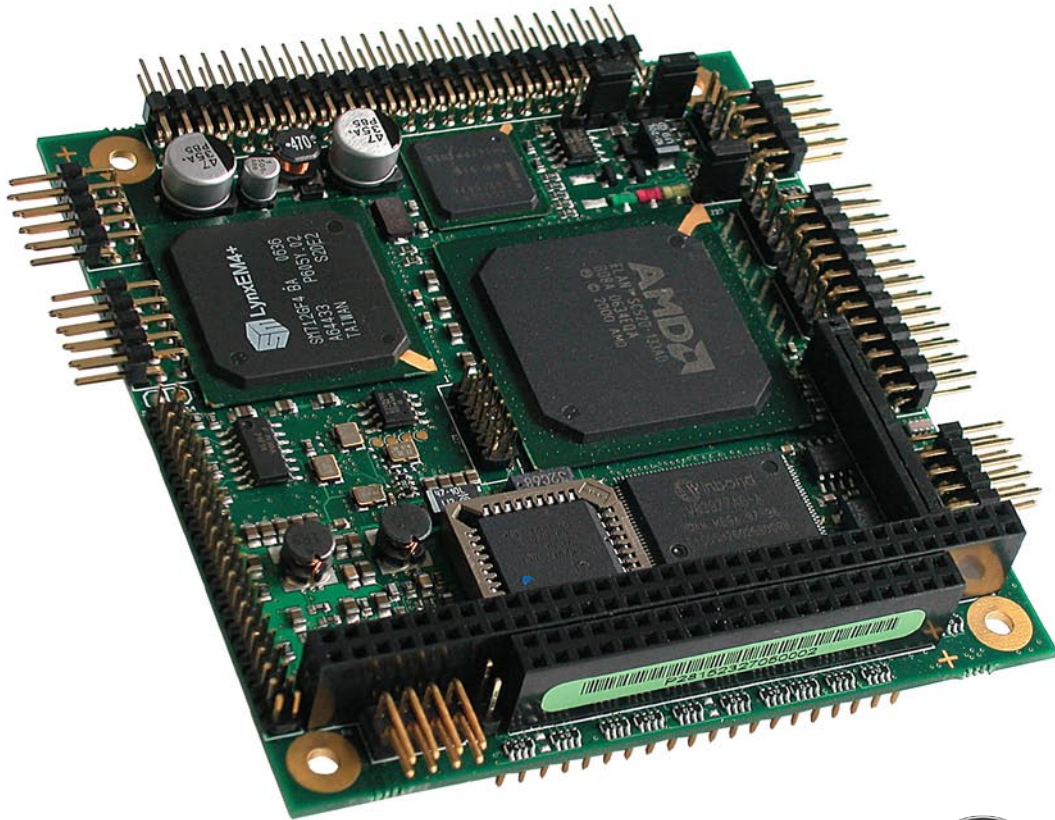


➤ PC/104-520



- Extreme low power fanless PC/104 Module (less than 5 W power consumption)
- with 133 MHz AMD SC520 133MHz
- Flatpanel support for TFT and (C-)STN
- PC/104 bus connector for ISA card expansion
- longterm availability

Product Overview

PC/104-520 is a PC/104 CPU-Board that offers high reliability and performance at low power consumption – only passive cooling if at all – no moving parts. It's based on AMD™ SC520 at 133 MHz speed and enables applications with wide choice ISA IO performance requirements.

By the SMI LynxEM4+ Graphic controller (4MB Video RAM) besides CRT and TFT also (C-)STN flatpanels are supported.

Two versions with 32 MB or alternatively 64 MB SDRAM are available.

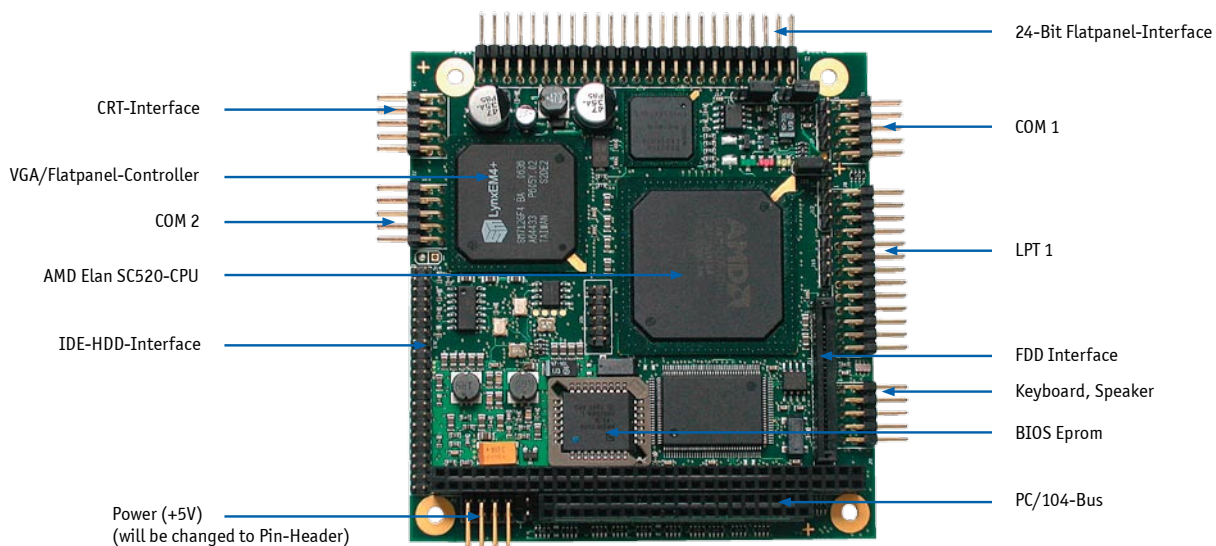
As all Kontron PC/104-boards the PC/104-520 is Plug&Work compatible, which considerably reduces the time to market.

In combination with our Compact Flash Adapter very rugged and reliable systems, even for rough applications, can be realized.

Technical Information

Bus	16-Bit-ISA referring to PC/104-Standard
Processors	AMD® SC520-133 MHz
Graphics	32-Bit-PCI-Bus VGA/LCD-Connector for TFT, STN-Color / Monochrome, 4 MB video-memory
System-Memory	32 or 64 MB DRAM
CF-Card-Adapter	via IDE-Port
Features	Watchdog, LCD-supply-voltage, battery buffered real-time-clock JTAG-Connector with JTAG-Booster on board

Interfaces	2x RS232C with FIFO 1x PS/2 Mouse 1x EPP parallel 1x FDD for one drive 3,5" 1x Local-Bus-HDD for max. two drives speaker connector AT-compatible keyboard Ethernet 10/100Base-T
Operating temperature	+5°C to +55°C, extended ranges on request
Power-supply	+5V, 1000mA (100 MHz)
Dimensions	96 x 90 mm



Ordering Information

Article	Part.-No.	Description
PC/104-520	15234	Low Power AMD™ SC520 133MHz, onboard 64 MByte SDRAM
PC/104-520	15235	Low Power AMD™ SC520 133MHz, onboard 32 MByte SDRAM

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