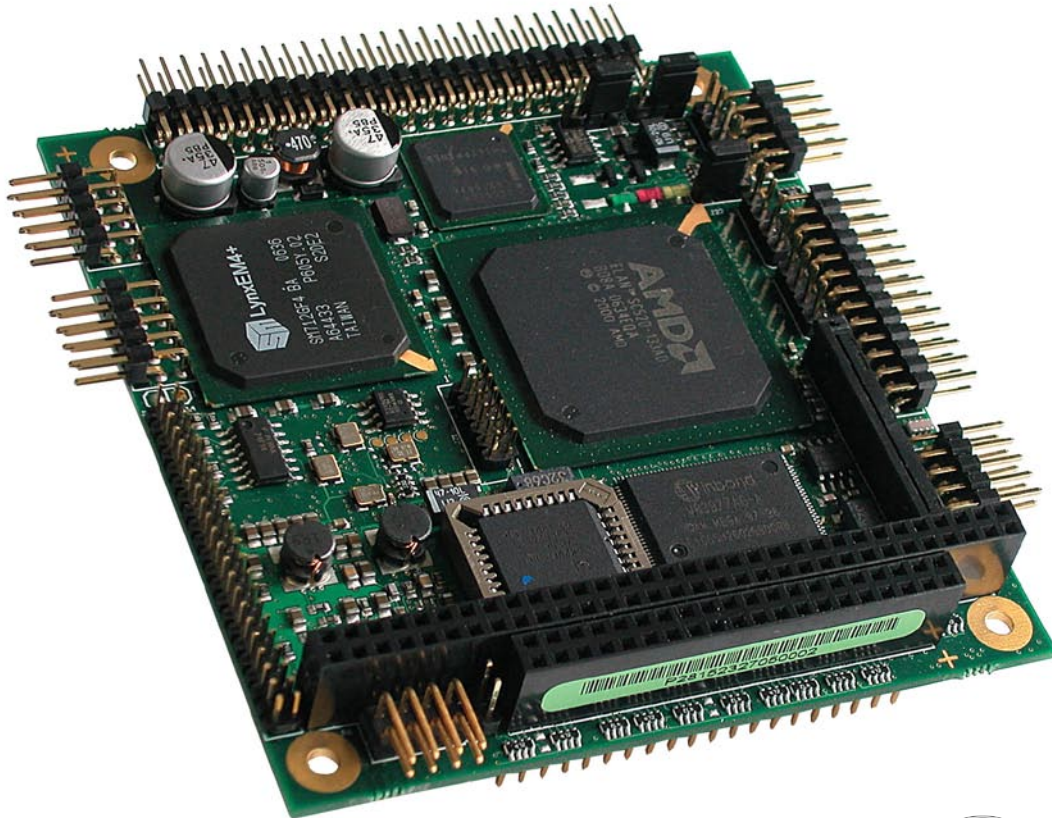


➤ PC/104-520



- 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**

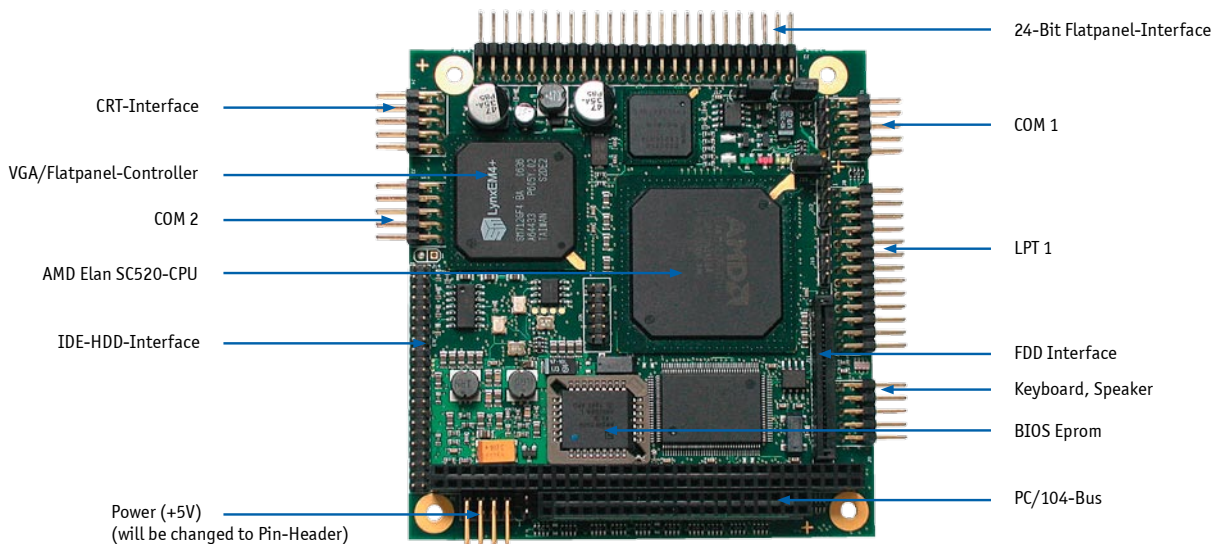
PC/104-520 is a PC/104 CPU-Board that offers high reliability and performance at low power consumption – only passive cooling if at all – no moving parts. It's based on AMD™ SC520 at 133 MHz speed and enables applications with wide choice ISA IO performance requirements. By the SMI LynxEM4+ Graphic controller (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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