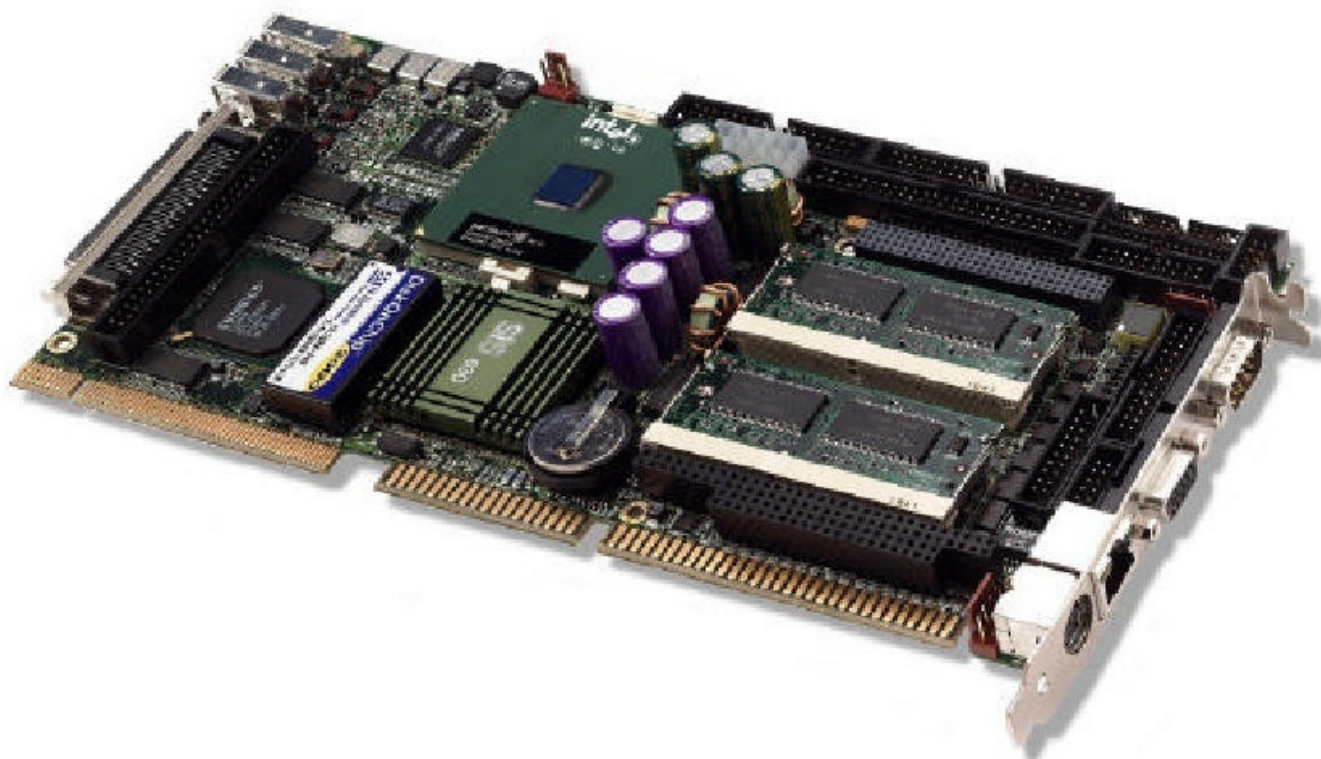


R&R Industrie-Hutschienen PC IPCH101

Gehäuse	Aluminium eloxiert
Abmessung	ca. 335 x 200 x 160 mm
Remote-Anschluß für Bedienpanel	D-Stecker LVDS 12V Stromversorgung USB
Zubehör Repeaterbox Lokal	alle 4.7 m für USB, LVDS VGA Gigabit-Ethernet 4 x Seriell

Rechner

Slot-CPU PCI + ISA



Specifications

DVD/MPEG2 decoding, Ultra2 SCSI and IEEE 1394

The most Advanced and Powerful PICMG Single Board Computer in the Market.
Ideal for High-End Embedded Multimedia Applications

- Socket-370 Pentium III, Celeron and VIA C3 support
- Highly integrated SiS630 Chipset
- 128-Bit Graphic Controller with up to 64 MB VRAM
- Flat Panel Display and Dual independent Display Support
- PanelLink, LVDS, DVI and TV-Out Support
- 10/100Base-T Fast Ethernet Controller
- CompactFlash and DiskOnChip Support
- 3x RS-232, 1xRS-485/422/232, 5x USB and 1x IrDA
- Virtual AC-3, SP/DIF and Sound Blaster Pro 16 Compatible
- Hardware Accelerated DVD/MPEG2 Decoding
- IEEE 1394 FireWire
- Ultra 2 SCSI

Processor: Socket -370 Intel Pentium® III, Celeron™ and VIA C3™ support, 133MHz FSB.

Chipset: Highly integrated SIS® 630 Chipset.

BIOS: Phoenix® BIOS with INSIDE Utility Extension and Secure-CMOS function.

Power Management: APM Ver. 1.2 and ACPI 1.0.

Bus: PC/AT, PCI and PC/104 .

SDRAM: Two 144 pin SODIMM sockets with up to 1 GB SDRAM, PC133.

Graphic: 128-Bit 2D/3D accelerated graphic controller with up to 64 MB shared video memory (UMA).

Resolution: Up to 1920 x 1200 in 16 mill. colors. Flat Panel Display 1280 x 1024.

Displays: CRT, TFT and Plasma.

Display output: CRT1, CRT2* (independent of CRT1), TV-Out* (S-Video and Composite in PAL/NTSC), PanelLink*, DVI*, DFP* & LVDS*.

DVD/ MPEG2: Hardware accelerated DVD/MPEG2 decoding with direct TV-Out*.

HDD Ctrl.: Ultra DMA 66 IDE, ATA 66 compliant. Secondary interface for 2 ½ HDD support. Support for up to 4 IDE devices.

FDD Ctrl.: 2x 3 ½ 1.44 MB or 2.88 MB.

Parallel port: Bi-directional Centronics with ECP or EPP mode.

Serial port: 4x RS-232C or 3x RS-232C and 1x RS-485/422 NS16C550 serial ports, 16 byte FIFO buffer.

Ethernet: 10/100Base-T PCI Fast Ethernet.

USB: Universal Serial Bus, 2 Channels on board, 1.5 Mbps and 12 Mbps. Up to 5 USB channels.

* **IrDA:** Infrared Data Communication Ver. 1.1, 4 Mbps.

Flash Disk: CompactFlash™ and M-Systems DiskOnChip support.

IEEE 1394: FireWire 400Mbit/sec, 2 Channels. (optional)

SCSI: Ultra 2 SCSI, 80MB/sec. (optional)

Watchdog: Supervision of supply voltage and SW execution.

Monitoring: Processor temperature and fan supervision.

Keyboard: Standard PS/2 mini DIN connector and pin header.

Mouse: Standard PS/2 pin header.

Sound: Sound Blaster Pro 16, virtual AC -3 Surround Sound and SP/DIF compatible.*

Speaker: On board, with connector for external speaker option.

Battery: On board Lithium, with connector for external Battery.

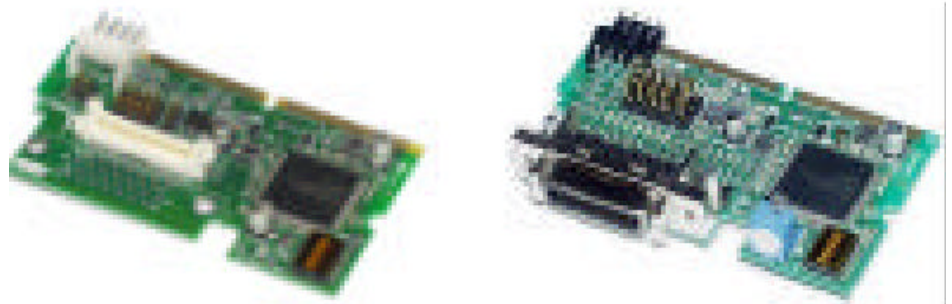
Supply: +5V only. **EMI:** In accordance with EN550022 and EN55082.

Operating Temperature: 0° - 60° C.

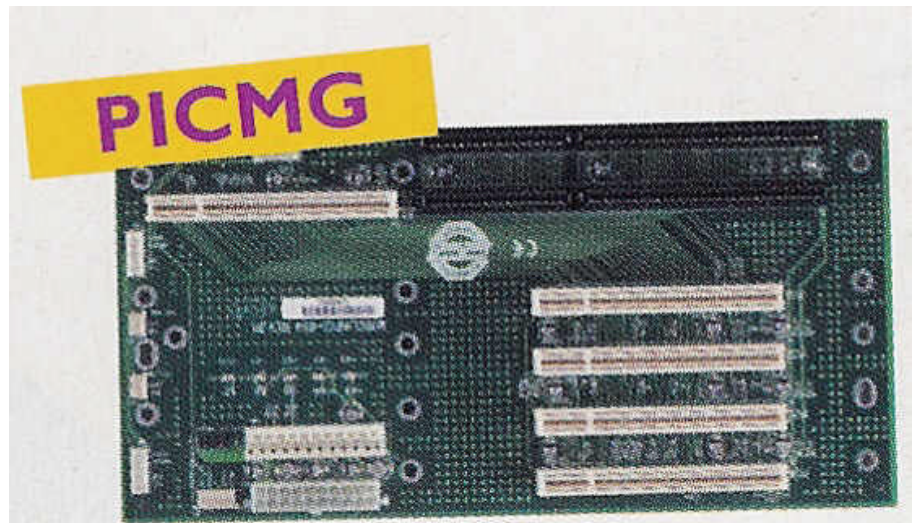
Dimensions: PICMG ¾Size, 250 mm x 122 mm (9,8" x 4,8").

* Requires Extension Module

LVDS - Modul

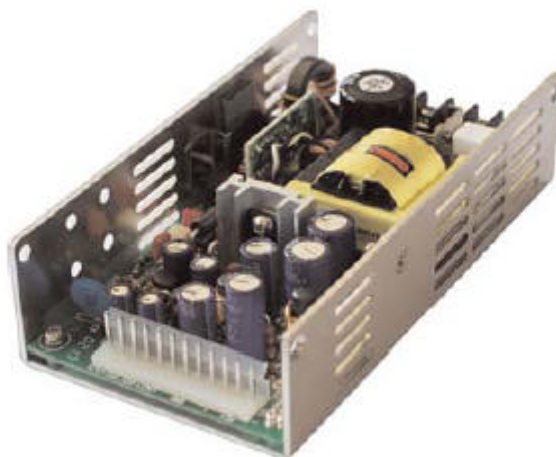


Backpanel PICMG
4 x PCI
1 x ISA
1 x Slot-CPU



Festplatte
Stromversorgung 24V DC
oder 230 V AC

2.5", > = 20 GB



Eingangsspannung (10VDC)	Wirkungsgrad	Überlastschutz	Überspannungsschutz	Kurzschlußschutz	Power Good Signal	Spannungstoleranz	Umgebungstemperaturbereich	Leistungsrücknahme	Lagertemperatur	Luftfeuchtigkeit	EMV	MTBF	Abmessungen	Gewicht	Art	Eingang	Ausgang	+3.3 V	+5V	+12V	-12V	+5VSB
10...30VDC	>70%	110...130%	5VDC (5.7V...7V)	an allen Ausgängen, mit automatischem Wiederanlauf.	Ein/Aus-ATX Funktion an CN2 auf Modul	+5V (4,9V...5,15V)	0°C...+50°C	2%/K ab +50...+70°C	-20°C...+70°C	10% bis 90%, nicht kondensierend	CE	139.000 Stunden bei 50°C	(LxBxH) 152,4 x 83,8 x 38mm	500g	ATX	24 V DC	min	0A	1A	1A	0,3A	0A
					Das Power Good Signal geht auf "high", sobald alle Spannungen sich eingeregelt haben.	+12V (11,25V...13V)			max. 3000m	Sicherheit	UL				120 Watt	max	12A	14A	6A	1,0A	0.75A	
					Restwelligkeit +5V 100mV / +12V 120mV -12V 200mV / +5VSB 120mV	+3,3V 100mV																

Optional 120 Watt ATX mit 230V AC Eingang