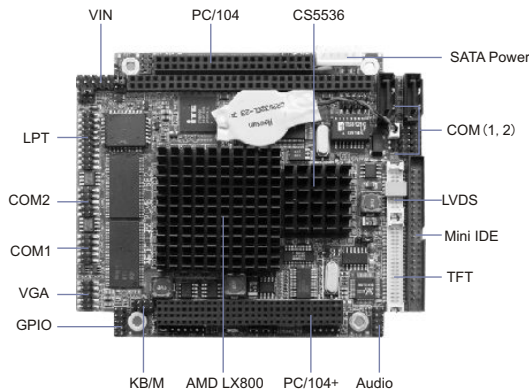


PCMB-7682 ULV PC/104 Embedded Motherboard



Features :

- Onboard AMD LX 600/700/800/900(frequency 366/433/500/600MHz)
- Onboard DDR 333MHz 256M system memory
- 18 bit single channel LVDS, 18/24 bit TFT LCD and CRT video output
- VGA+TFT, VGA+LVDS support synchro dual display
- 1个10/100Mbps Ethernet
- 1xMini-IDE/2xSATA/1x TypeIICompactFlash/ 4x USB/1x LPT/1x PC104+ /1x PC104/2x COM



Fanless



Compact Flash



LVDS



USB 2.0



One Key restore



BIOS Security

Specifications

System	
Product Type	PC104
Processor	Onboard AMD LX 600/700/800/900(frequency 366/433/500/600MHz)
System Memory	Onboard DDR 333MHz 256M system memory
Chipset	AMD Geode+CS5536
I/O Chipset	Winbond W83627DHG
Ethernet	Realtek 8100C, 10/100 Mbps
BIOS	4M-bit Flash BIOS
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports Power Supply Voltages, Fan Speed and Temperature Monitoring
Expansion Interface	1x PC/104, 1x PC/104+
Battery	Lithium battery
Power Requirement	+5V/+12V
Board Size	96mm×155mm
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0%~95% relative humidity, on-condensing
Display	
Chipset	AMD Geode integrated
Memory	Dynamic share 128MB system memory as video memory
Resolutions	Up to 1920×1440×32 bpp@85 Hz for CRT Up to 1600×1200×32bpp@60 Hz for LVDS
CRT	2x5 Header
LCD Interface	18bit single channel LVDS, 18/24bit TFT LCD
DVI	--
TV-OUT	--
Dual-Display	VGA+TFT,VGA+LVDS support synchro dual display
I/O	
Storage	1x Mini-IDE, 2x SATA, 1x Type II CompactFlash
Serial Port	1x RS-232, 1x RS-232/422/485
Parallel Port	1x LPT
USB	4x USB2.0
Keyboard and Mouse	1x Keyboard/Mouse port (2x4Header)
Digital I/O	Support 8bit digital I/O (programmable)
IrDA	1x IrDA Tx/Rx Header
Audio	ALC 655, Mic, Line-out, Line-in

Packing List

- **0040021019**
Jumper
- **0560330019**
Mini-IDE to IDE Cable
- **0600260019**
Keyboard/Mouse Cable
- **0260300029**
Serial port cable
- **1260290009**
Parallel Port Cable
- **0360300009**
USB Cable with shielding
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **PCMB-7682**

Ordering Information

- **PCMB-7682**
PC104 board, On Board CPU, AMD LX 600/700/800/900 (frequency 366/433/500/600MHz), CRT/TFT/LVDS, 10/100Mbps Ethernet, 4x USB, 2x COM, 1x Mini-IDE, 1x LPT, Audio, 1x CF, 1x PC/104, 1x PC/104+, Version 1.0

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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