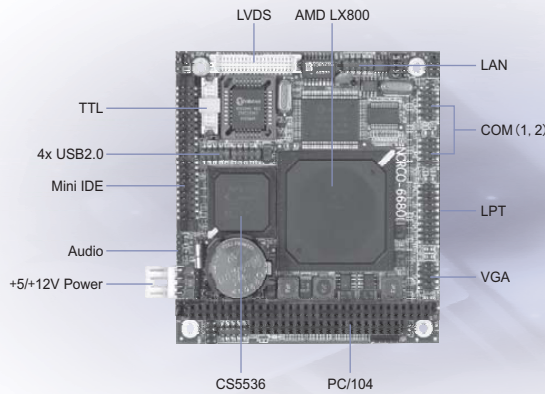


PCMB-6680 PC/104 Form factor Ultra Low-Power Motherboard



Features :

- Onboard AMD® LX 700/800/900 with Frequency 433/500/600MHz
- 1x 200-Pin SO-DIMM DDR333/400MHz DIMM up to 1GB
- 18-bit Single channel LVDS/24-bit TFT LCD/ VGA Display output
- VGA+TTL,VGA+LVDS simultaneous display supported
- 1x10/100Mbps Ethernet
- 1x Mini IDE/1x Type II Compac Flash/4x USB/ 1x LPT/1x PC 104/2x COM



Fanless



Compact Flash



LVDS



USB 2.0



One Key restore



BIOS Security

Specifications

System	
Product Type	PC104
Processor	Onboard AMD LX 700/800/900 with Frequency 433/500/600MHz
System Memory	1x 200-pin SO-DIMM, DDR 333/400MHz up to 1GB
Chipset	AMD LX700/800/900+CS5536
I/O Chipset	Winbond W83627HG
Ethernet	Realtek 8100C,10/100 Mbps,1x RJ-45
BIOS	AMI 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
Battery	Lithium battery
Power Requirement	+5V/+12V
Board Size	3.78"×3.54"(96mm×90mm)
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 LX700/800/900 integrated
Memory	Dynamic share 8-128MB system memory for graphic memory
Resolutions	Up to 1920×1440×32 bpp@85 Hz for CRT Up to 1600×1200×32bpp@60 Hz for TFT
VGA	1x DB15
LCD Interface	18-bit Single channel LVDS/24-bit TFT LCD
Dual-Display	VGA+TTL, VGA+LVDS simultaneous/dual view displays supported(not support DID, TTL LCD and LVDS combination not included)
I/O	
Storage	1x Mini-IDE(UDMA 100), 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 and Mouse port
Digital I/O	N/A
IrDA	1x IrDA Tx/Rx Header
Audio	2 channel(L+R)Speak out, MIC-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
- **0610350029**
Audio Cable
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **PCMB-6680**

Ordering Information

- **PCMB-6680-V10**
PC104 board, On Board CPU, AMD LX700, AT, DDR 266/333 MHz, VGA+LVDS/ TFT, Ethernet, 4x USB, 2x COM, 1x Mini-IDE, 1x LPT, 1x PC/104 Slot, Audio, 1x CF, 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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