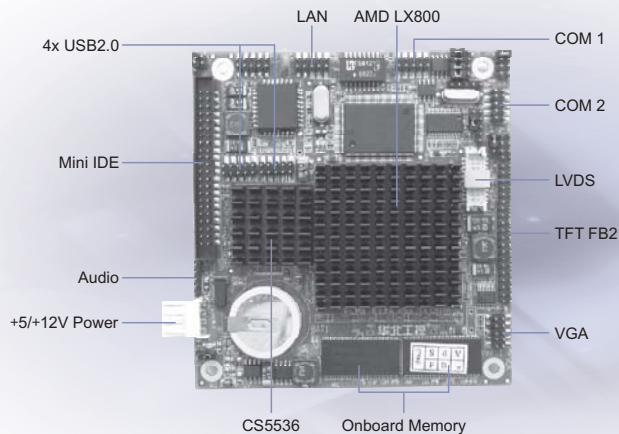


# PCMB-6684 Low-Power Motherboard



## Features :

- Onboard AMD® LX 700/800/900 with Frequency 433/500/600MHz
- Onboard 4x 64MB DDR 333MHz( 256MB totally), max up to 512MB
- AMD LX700/LX800/LX900 built-in graphic controller, support VGA/LVDS/TTL output
- VGA+TTL, VGA+LVDS simultaneous display supported
- 1x10/100Mbps Ethernet
- 1x Mini IDE/1x Type II Compact Flash/4x USB2.0 /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	Onboard 4x 64MB DDR 333MHz(256MB totally),max up to 512MB
Chipset	AMD LX700/800/900+CS5536
I/O Chipset	Winbond W83627DHG
Ethernet	Realtek 8100C,10/100 Mbps, 2x5 HEADER
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	N/A
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	
	Support VGA/TFT LCD/LVDS display output
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
LVDS	single channel 24-bit LVDS
TFT LCD	24-bit TTL LCD
Dual-Display	VGA+TTL, VGA+LVDS simultaneous display supported (TTL LCD and LVDS combination not included)
I/O	
Storage	1x Mini-IDE(UDMA 100), 1x Type II Compact Flash, Support DMA, 1G、 2G and 4G optional capacity, share IDE channel
Serial Port	1x RS-232, 1x RS-232/422/485
USB	4x USB2.0
Keyboard and Mouse	1x Keyboard and Mouse port
IrDA	1x IrDA Tx/Rx Header
Audio	Realtek ALC655, AC'97 5.1CH

## Packing List

- **0040021019**  
Jumper
- **0560330019**  
Mini-IDE to IDE Cable
- **0600260019**  
Keyboard/Mouse Cable
- **0260300029**  
Seria port cable
- **1260290009**  
Parallel Port Cable
- **0360300009**  
USB Cable with shielding
- **Utility CD**
- **User's Manual**
- **Warranty card**
- **PCMB-6684**

## Ordering Information

- **PCMB-6684-V10**  
PC104 board, On Board CPU, AMD LX700, AT, DDR 266/333/400MHz, VGA+ +LVDS+TFT, 10/100Mps Ethernet, 4x USB, 2x COM, 1x Mini-IDE, 1x LPT, Audio, 1x CF, Version 1.0

## UNITRONIX Pty Ltd

PO Box 486, Morisset NSW 2264

NSW: Tel: 61 2 4977 3511 Fax: 61 2 4977 3522

WA: Tel: 61 8 9455 2424 Fax: 61 8 9455 2458

unitsyd@unitronix.com.au www.unitronix.com.au