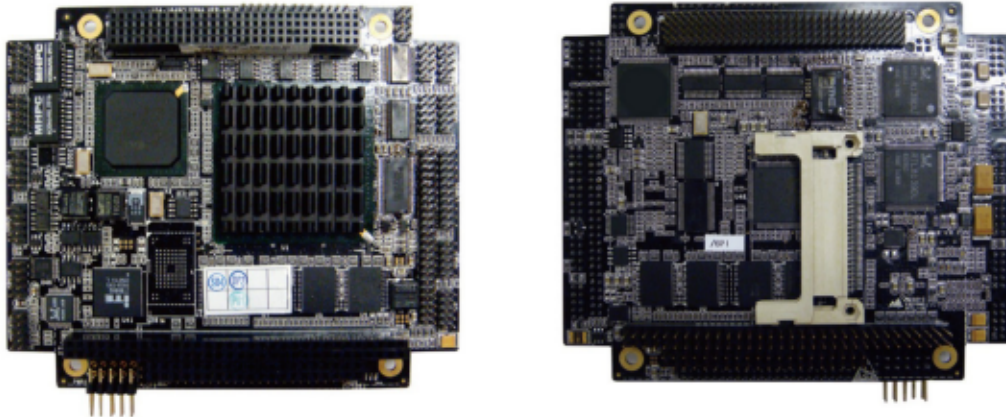


# 104-1649

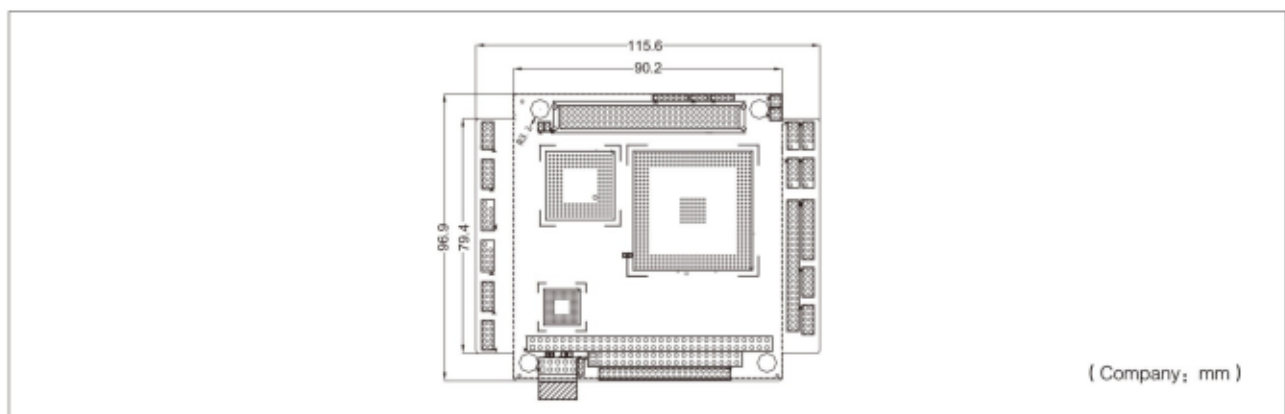
PC/104 SBC with onboard LX800\LX600 VGA/2LVDS/CF/2LAN/Audio



## Features:

- ◆ AMD LX800 366/500MHz CPU
- ◆ Onboard 512MB DDR2 memory
- ◆ Supports VGA/LVDS/TTL
- ◆ Supports 2 x 10/100Mbps ethernet interface
- ◆ Supports 4 x USB2.0, 4 x COM
- ◆ Operating temperature: -40° C~85° C(optional)

## Product size chart



## Specifications

System	Processor	AMD LX800 /500MHz CPU
	Chipset	AMD Geode™ Cs5536
	Memory	Onboard 512MB DDR2 memory
	Watchdog Timer	255 levels, programmable by second/minute, timeout interrupt or system reset
	Expansion Interface	PC/104–Plus
Storage	IDE	2 x SATA 2.0 interface, 1 x CF card slot
	CF	1 x CF/onboard 1G Flash(optional)
I/O Interface	USB	4 x USB2.0 port
	Serial Port	2 x RS–232, 2 x RS–422/485
	PS/2	1 x mouse/keyboard port
	GPIO	8–channel input/output I/O port
	Audio	AC'97
Display	Chipset	AMD Geode™ Cs5536
	Memory	Integrated in LX800, 16MB shared memory
	Resolution	VGA mode up to 1600 x 1200 @85Hz LCD mode up to 1024 x 768 @18/24bit LVDS mode up to 1024 x 768 @18bit
	Dual Display	VGA+LVDS, VGA+TFT+LCD
Ethernet	Chipset	2 x RTL8139D
	Speed	10/100Mbps
	Connector	N/A
Mechanical and Environmental	Dimensions	115.6(mm) x 96.9(mm) x 23.2(mm)
	Operating Temperature	0°C ~ 60°C(extendable to –40°C ~ 85°C); 5%~95% (non–condensing)
	Storage Temperature	–40°C ~ 85°C, 20%~90% (non–condensing)
	Operating Humidity	5%–95%,non–condensing
Power	Power Supply	Single 5V power supply
Operation System	Windows OS	Win XP
	Embedded OS	Linux

## Ordering Information

Part Number	Model Number	Description
0030–013921	104–1649CLD2NA–8PIM	PC/104 Plus motherboard/onboard AMD LX800 CPU/512MB DRAM memory/onboard Flash 2G/VGA+LVDS+TTL display port/1 x IDE (44–pin)/2 x 100Mbps network port/4 x USB2.0/4 x RS232 (2 x RS422/485, 2 x RS232)/1 x AC97/1x8bit GPIO/104 Plus bus ROHS
0030–013911	104–1649CLD2NA–8P	PCI/104 /Onboard AMD Lx800CPU/VGA+LVDS+TTL/1 x CF slot/1 x IDE(44pin)/2 x 100MbpsEthernet/4 x USB/4 x RS232(2 x RS422/485, 2 x RS232)/1 x LPT/1 x AC97
0030–019861	104–1649CLD2NA–8PI	PC/104 Plus motherboard/onboard AMD LX800 CPU/onboard 512M DRAM memory/VGA+LVDS+TTL display port/1xCF card slot/1 x IDE(44pin) /2 x 100M port/4xUSB2.0/4xRS232(2xRS422/485,2xRS232)/1xAC97/1x8bit GPIO/PC/104 Plus bus/ RoHS