

104-1649 PC/104-Plus SBC with AMD® LX800 CPU

Brief Introduction

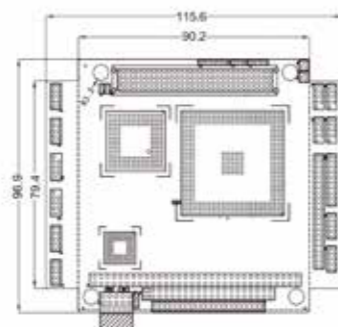
104-1649 series is an embedded PC/104-Plus motherboard with low power consumption. This motherboard has high integration, small volume, rich functions, low power consumption and it can be widely used in various embedded systems.



Features

- Integrate AMD® LX series CPU
- Onboard 512MB DDR2
- Support 2 x 10/100Mbps LAN
- Support VGA+LVDS, VGA+TFT dual-display
- IDE, CF slot or onboard 1G flash optional
- Support -40~85°C

Product size chart



(Company : MM)

Specifications

Items	Specification
Chipset	AMD® Geode™ CS5536
CPU	AMD® LX800 500MHz
Memory	Onboard 512MB DDR2
Storage	1 x IDE support 2 IDE devices 1 x CF card slot Onboard 1G NAND flash (Slave as default) optional
LAN	2 x 10/100Mbps network ports
I/O	1 x VGA, 1 x LVDS, 1 x TTL Support dual independent display
	4 x USB 2.0
	4 x Serial ports, 2 support RS232, 2 support RS422/485
	Audio, support Mic-in, Line-in, Line-out
	1 x PS/2
Expansion	1 x PC/104 Plus
Watchdog Timer	1 ~ 255sec/min timer system reset or interrupt
Power Supply	DC 5V
Operating System	Win7, WinXP, Linux
Environment	Operating temperature: 0 ~ 60°C Optional -40~85°C Storage temperature: -40 ~ 85°C Humidity: 5% ~ 95% Non-condensing
Dimensions(L x W)	115.6mm x 96.9mm

Ordering Information

P/N	Model	Description
0030-013921	104-1649CLD2NA-8PIM	PC/104 Plus/AMD® LX800/512MB DDR2/2GB Flash/VGA+LVDS+TTL/IDE/2 x LAN/4 x USB/4 x COM/Audio/PS/2 /8ch GPIO/0 ~ 60°C
0030-013911	104-1649CLD2NA-8P	PCI-104/AMD® LX800/512MB DDR2/CF card slot/VGA+LVDS+TTL/IDE/2 x LAN/4 x USB/4 x COM/Audio/PS/2 /8ch GPIO/0 ~ 60°C
0030-085401	104-1649CLD2NA-8PI	PC/104 Plus/AMD® LX800/512MB DDR2/CF card slot/VGA+LVDS+TTL/IDE/2 x LAN/4 x USB/4 x COM/Audio/PS/2 /8ch GPIO/0 ~ 60°C