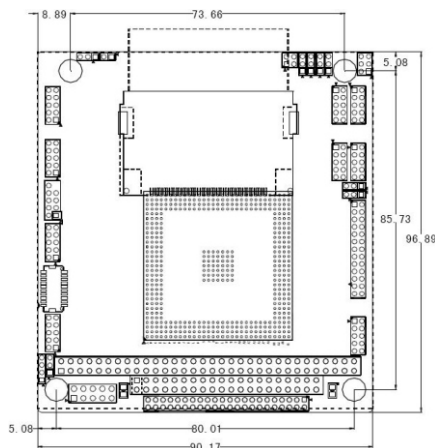
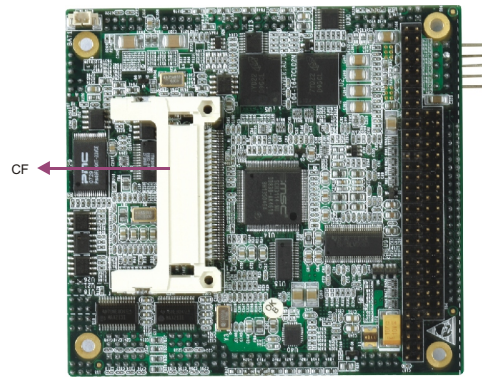
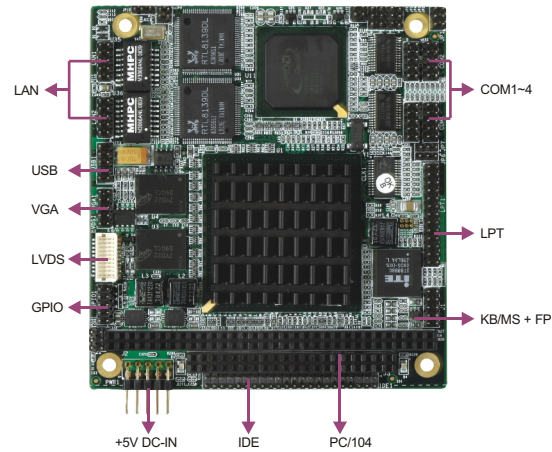


104-1647CLD2N

AMD LX800 SBC with CPU/Memory/LCD/VGA/LVDS/SSD/2LAN



Features

- Onboard AMD LX800 500MHz Processor
- Supports onboard 256MB DDR memory
- Supports 2 x 10/100M Ethernet interface
- Supports VGA&18bit LVDS
- Supports 2 x USB2.0, 4 x COM, 1 x IDE, 1 x CF, 1 x PS/2(KB/MS)

Specifications

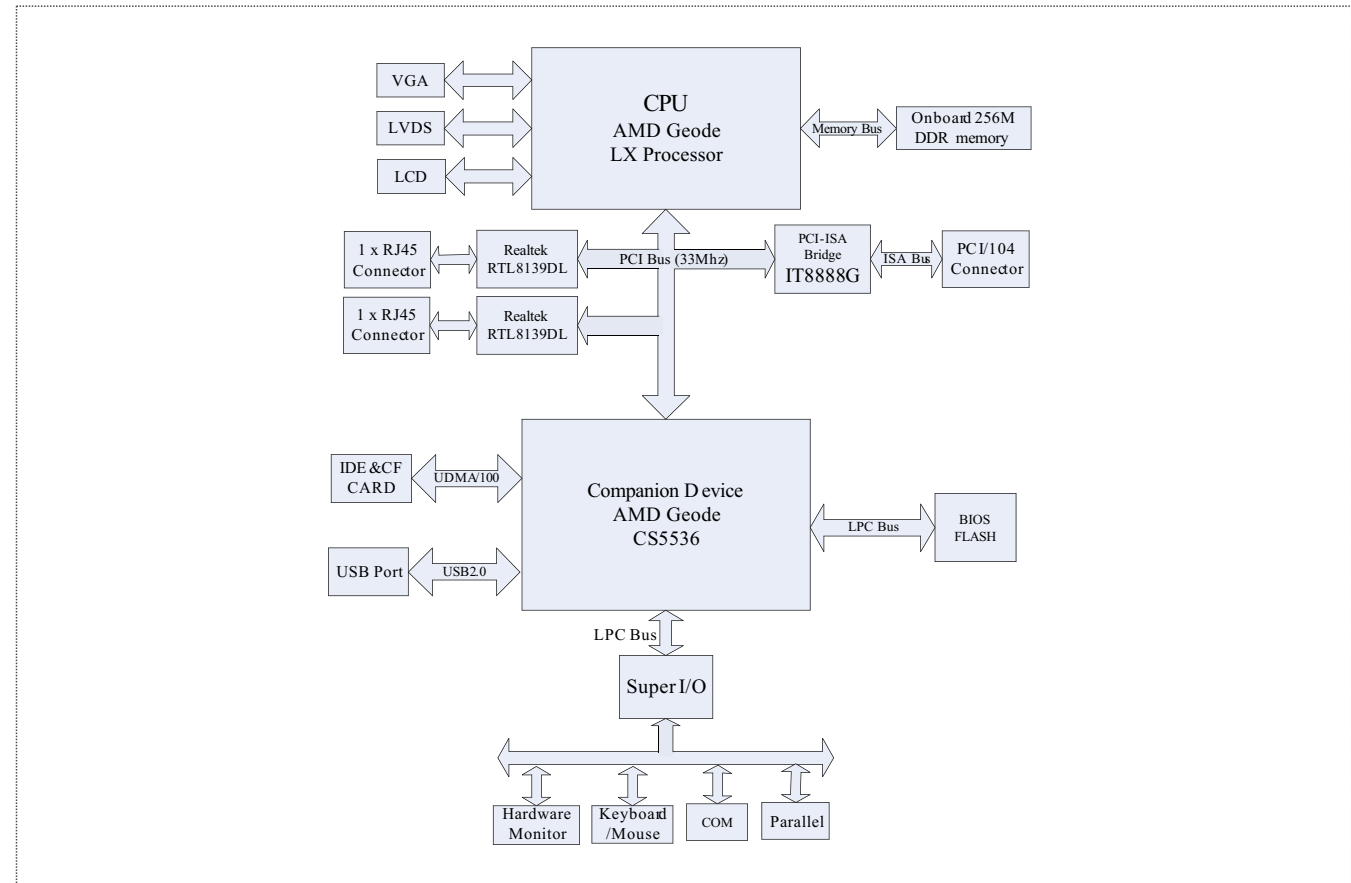
System	
Processor	Onboard AMD LX800 500MHz Processor
Chipset	AMD Geode™ CSS536
Memory	Onboard 256MB DDR memory
Hardware Monitor	Monitors CPU temperature, voltage and watchdog timer
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	PC/104 Expansion bus
Storage	
IDE	1 x Ultra ATA33/66/100 interface, supporting two IDE devices
CF	1 x CompactFlash Socket Type I/II
I/O Interface	
USB	2 x USB2.0 port, available interface of 10-Pin header onboard
Serial Port	1 x RS-232/422/485(COM1), 1 x RS-422/485(COM2), 2 x RS-232, available interface of 4 x 10-Pin header onboard
Parallel Port	1 x LPT
GPIO	8 x GPI, 8 x GPO

Display	
Chipset	AMD LX800 integrated graphics processor
Memory	8MB shared system memory
Resolution	VGA mode up to 1600 x 1200@85Hz LVDS mode up to 1024 x 768@18bit
Dual Display	Supports LVDS+CRT dual display
Ethernet	
Chipset	2 x RTL8139DL
Speed	10/100Mbps
Connector	2 x LAN port, available interface of 2 x 9-Pin header onboard
Mechanical and Environmental	
Dimensions	96mm x 90mm
Operating Temperature	-40°C~85°C
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	+5V AT power supply connector
Power Consumption	Typical 6.9W (AMD LX800 500Mhz, 256MB memory)
Operating System	
Windows OS	Windows 2000/ Windows XP
Embedded OS	VxWorks/Linux/XP Embedded

Related Products

Item	Typical Recommendation
PC/104 Expansion Card	104-1647CLD2N + 104-4COM(4 x RS232/422/485) 104-1647CLD2N + 104-8COM(6 x RS232, 2 x RS232/422/485) 104-1647CLD2N + 104-32ADT(32 x Channel Input A/D)

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
N/A	Setup Guide/RoHS	AMI/BIOS Setup Guide (for Core/8)	1
N/A	Driver CD/Protective film/RoHS	104-1647CLD2N	1
N/A	User Manual/Chinese and English/RoHS	104-1647CLD2N	1
2330-000011	Jumper/RoHS	Pitch: 2.0mm, black, sealed tail	2
0090-000201	LED panel/RoHS	P10-RJ45LED	2
1090-004411	LED panel(PCBA)/RoHS	P10-RJ45LED	1
2331-004681	Pin header/RoHS	2x5 Pin 2.0mm pitch	1
2331-006301	Network socket/RoHS	Straight pin RJ45-8P with indicator lamp/without spring piece	1
1090-500321	LED panel/related data/RoHS	P10-RJ45LED	1
2360-008781	HDD flat cable/RoHS	40 Pin to 44 Pin (2.0mm pitch), length: 550mm/RoHS	1
2360-011231	Serial port cable/RoHS	DB9 connector to 10 Pin (2x5) connector (2.0mm pitch), length: 300mm/RoHS	4
2360-012641	VGA cable/RoHS	2x5 Pin connector (2.0mm pitch) to 15P female right angle connector, length: 300mm/RoHS	1
2360-012651	DC Power supply cable/RoHS	One male power 4 Pin (5.08mm pitch) connector to 10 Pin (2x5), length: 250mm/RoHS	1
2360-014781	Dual USB ports with bracket/RoHS	Two USB ports to one 10 Pin (2x5) connector (2.0mm pitch), length: 550mm/RoHS	1
2360-017481	Multi-functional converter cable/RoHS	Buzzer reset button dual PS/2 connector to 2x5 Pin 2.0mm pitch female connector, length: 250mm	1
2360-012771	Serial port cable/RoHS	2x5 Pin (2.0mm pitch) to 2x5 Pin (2.0mm) connector, length: 300mm	2
2360-011221	Parallel port cable/RoHS	DB25 connector to 26 Pin (2x13) connector (2.0mm pitch), length: 300mm/RoHS	1

Ordering Information

Part Number	Model Number	Description
0030-011170	104-1647CLD2N	Motherboard
0030-011171	104-1647CLD2N	Motherboard/RoHS