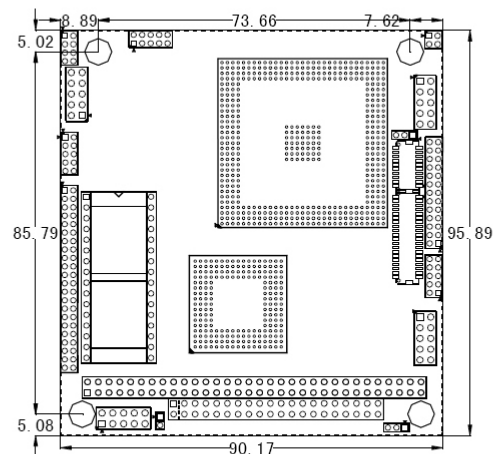
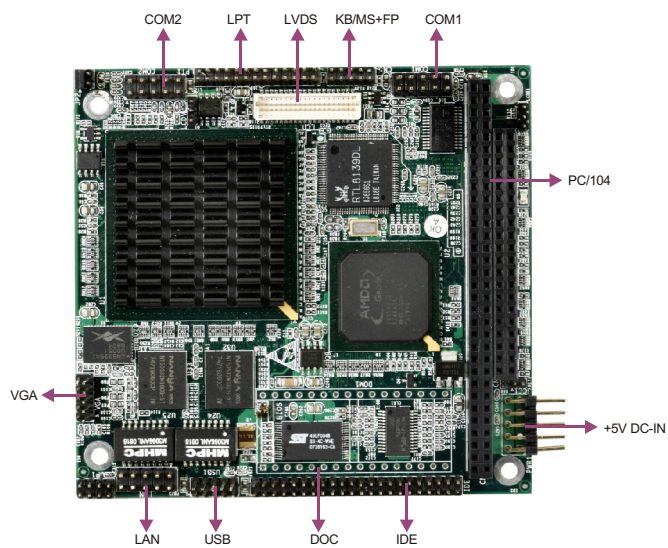


104-1646CLD2N

PC/104 SBC with AMD Geode CPU/Memory and LCD/VGA/LAN



Features

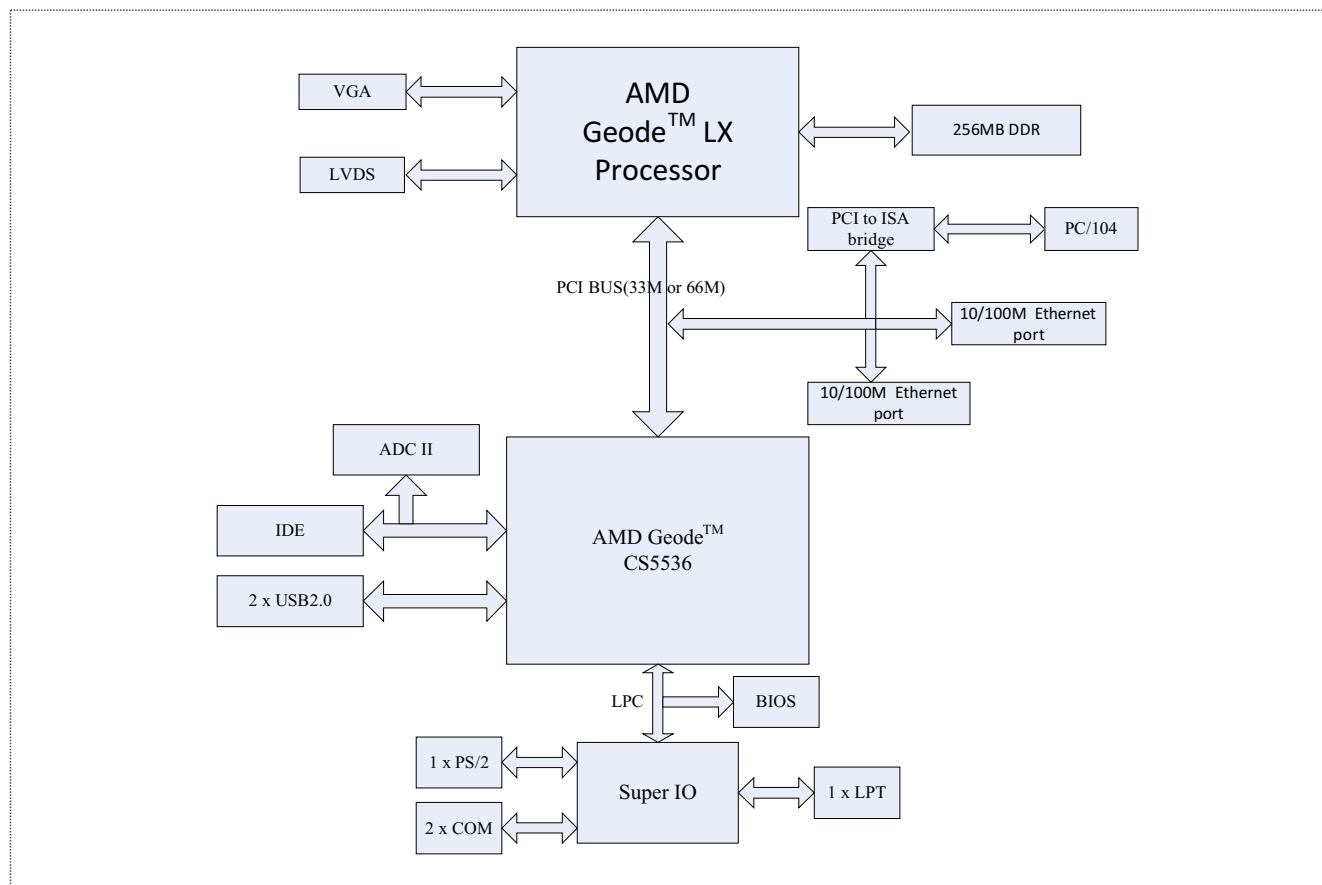
- AMD LX800 500MHz CPU
- Onboard 256MB DDR memory
- Supports 2 x 10/100Mbps Ethernet interface
- Supports 2 x USB2.0, 1 x LPT, 2 x COM
- Supports VGA/LVDS dual-display

Specifications

System	
Processor	AMD LX800 500MHz CPU
Chipset	AMD Geode™ CS5536
Memory	Onboard 256MB DDR memory
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1 255 seconds or 1 255 minutes
Expansion Interface	PC/104
Storage	
IDE	1 x Ultra-DMA 33 interface
Serial ATA	N/A
Floppy	N/A
CF	N/A
DOC/DOM	ADC
I/O Interface	
USB	2 x USB2.0 Port
Serial Port	2 x RS-232(1xRS-232/485)
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	N/A
Keyboard/Mouse	1 x PS/2

Display	
Chipset	AMD Geode™ CS5536
Memory	Integrated in Lx800, 16MB shared memory
Dual Display	VGA+LVDS
Ethernet	
Chipset	Realtek RTL 8139D
Speed	10/100Mbps
Connector	1 x RJ45
Mechanical and Environmental	
Dimensions	96mm x 90mm
Operating Temperature	-40°C~85°C
Storage Temperature	N/A
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	Single 5V power supply
Power Consumption	4.6W
Operating System	
Windows OS	DOS6.22; DOS7.1
Embedded OS	Linux, Wince, XPE

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
2360-012641	VGA cable/RoHS	2x5 Pin connector (2.0mm pitch) to 15P female right angle connector, length: 300mm/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
2360-012651	DC Power supply cable/RoHS	2x5 Pin connector to one male power 4 Pin (5.08mm pitch), 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
2360-020100	COM cable	2x5 Pin to DB9 connector/UL2651/28AWG/length: 300mm	2
2360-011221	Parallel port cable/RoHS	DB25 connector to 26 Pin (2x13) connector (2.0mm pitch), length: 300mm/RoHS	1
2360-008781	HDD flat cable/RoHS	40 Pin to 44 Pin (2.0mm pitch), length: 550mm/RoHS	1
2360-021191	(YF) LAN cable/RoHS	2x5 Pin2.54MM to 2RJ45 female connector, length: 300mm/24AWG8 core	1
2330-000011	Jumper/RoHS	Pitch: 2.0mm, black, sealed tail	4
—	Driver CD/Protective film/RoHS	104-1646CLD2N	1
—	User Manual/RoHS	104-1646CLD2N	1
—	Setup Guide/RoHS	AMI/BIOS Setup Guide (for Core/8)	1

Ordering Information

Part Number	Model Number	Description
0030-004670	104-1646CLD2N	(YF)Motherboard