EC3-1713CLDNA

3.5" SBC with CPU and LCD/VGA/SSD/LAN

IDE   DVI   10-Pin ATX

PCI-104 Bus

Audio

SATA1-2   LVDS   LPT   COM2   2 x USB2.0

KB/MS

VGA   COM   2 x USB2.0   LAN

200-Pin SO-DIMM

CF Socket

101.60"
94.91"

134.01
146.05
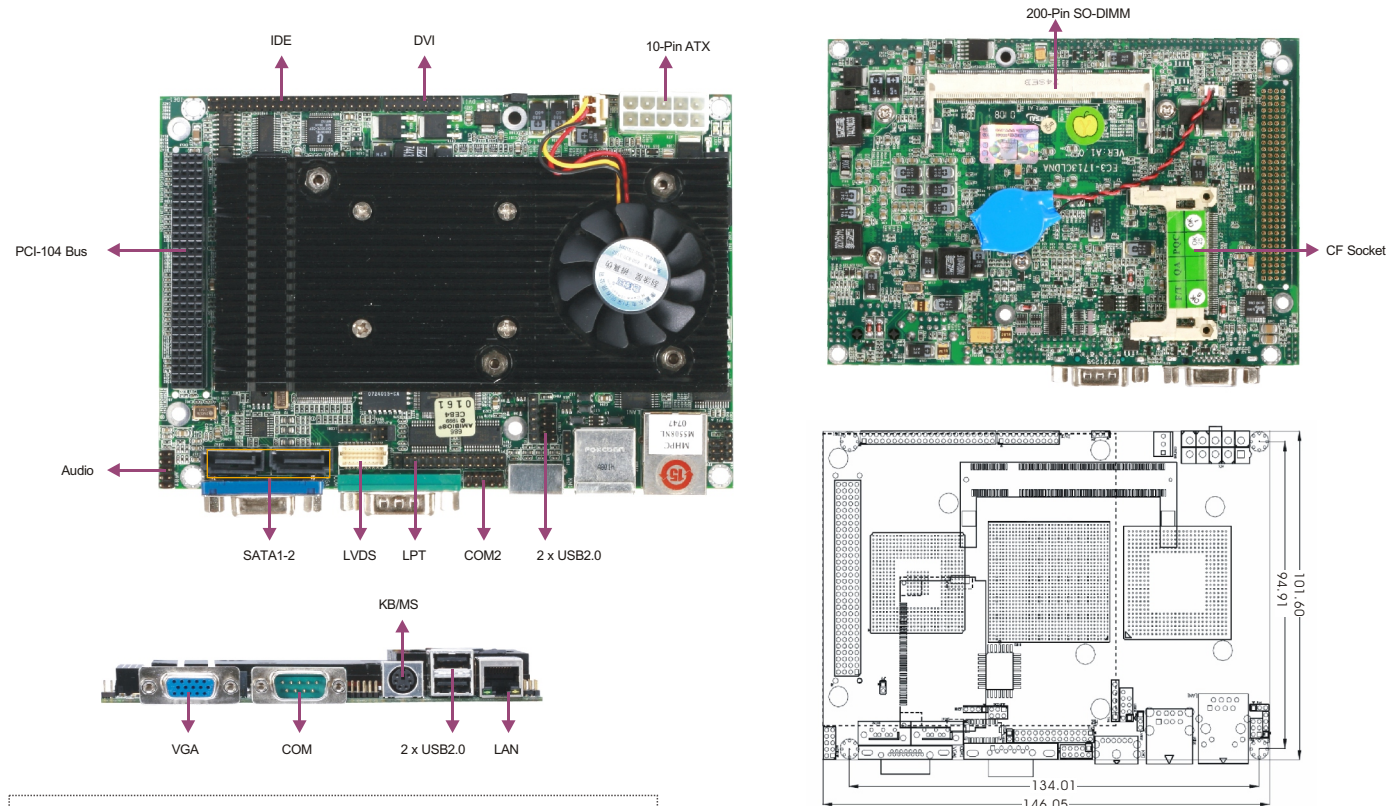
Features

- Onboard Intel® ULV Celeron® M 1.0G (373)/Pentium® M 1.4G (738) processor
- One DDR2 400MHz SODIMM memory socket. Supports up to 1GB
- 10/100Mbps Ethernet controller
- Supports VGA, LVDS, TV-OUT, dual-display and DVI output port
- AT/ATX power supply

Specifications

System

Processor	Onboard Intel® ULV Celeron® M 1.0G (373)/Pentium® M 1.4G (738) processor
Chipset	Intel® 910GMLE + Intel® ICH6M
Memory	1 x 200-pin SODIMM socket, DDR2 400MHz up to 1GB
Hardware Monitor	Monitors CPU temperature, voltage and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	PCI-104 bus

Storage

IDE	1 x ATA 100 port, supporting 2 x IDE device
Serial ATA	Two SATA ports
Floppy	N/A
CompactFlash	1 x ComapctFlash socket
DOC/DOM	N/A

I/O Interface

USB	4 x USB2.0
Serial Port	1 x RS-232, 1 x RS232/RS422/RS485
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	AC'97 Audio

Display

Display Controller	Supports VGA, LVDS, TV-OUT, dual display and DVI output port
Display Memory	128MB shared memory
Resolution	N/A
Dual Display	Supports VGA+LVDS, TV-OUT+LVDS dual display

Ethernet

Ethernet Controller	1 x 10/100Mbps Ethernet controller
Speed	10/100Mbps
Connector Interface	1 x RJ45

Mechanical and Environmental

Dimensions	146mm x 102mm
Operating Temperature	-15℃~75℃
Storage Temperature	N/A
Operating Humidity	5%-90%, non-condensing

Power

Power Supply	ATX power supply
Power Consumption	12.8W (Celeron® M 1.0G CPU, 256MB memory)

Operating System

Windows OS	Windows2000/Windows XP
Embedded OS	Linux/XP Embedded

Certification

	CE, RoHS

Board Diagram
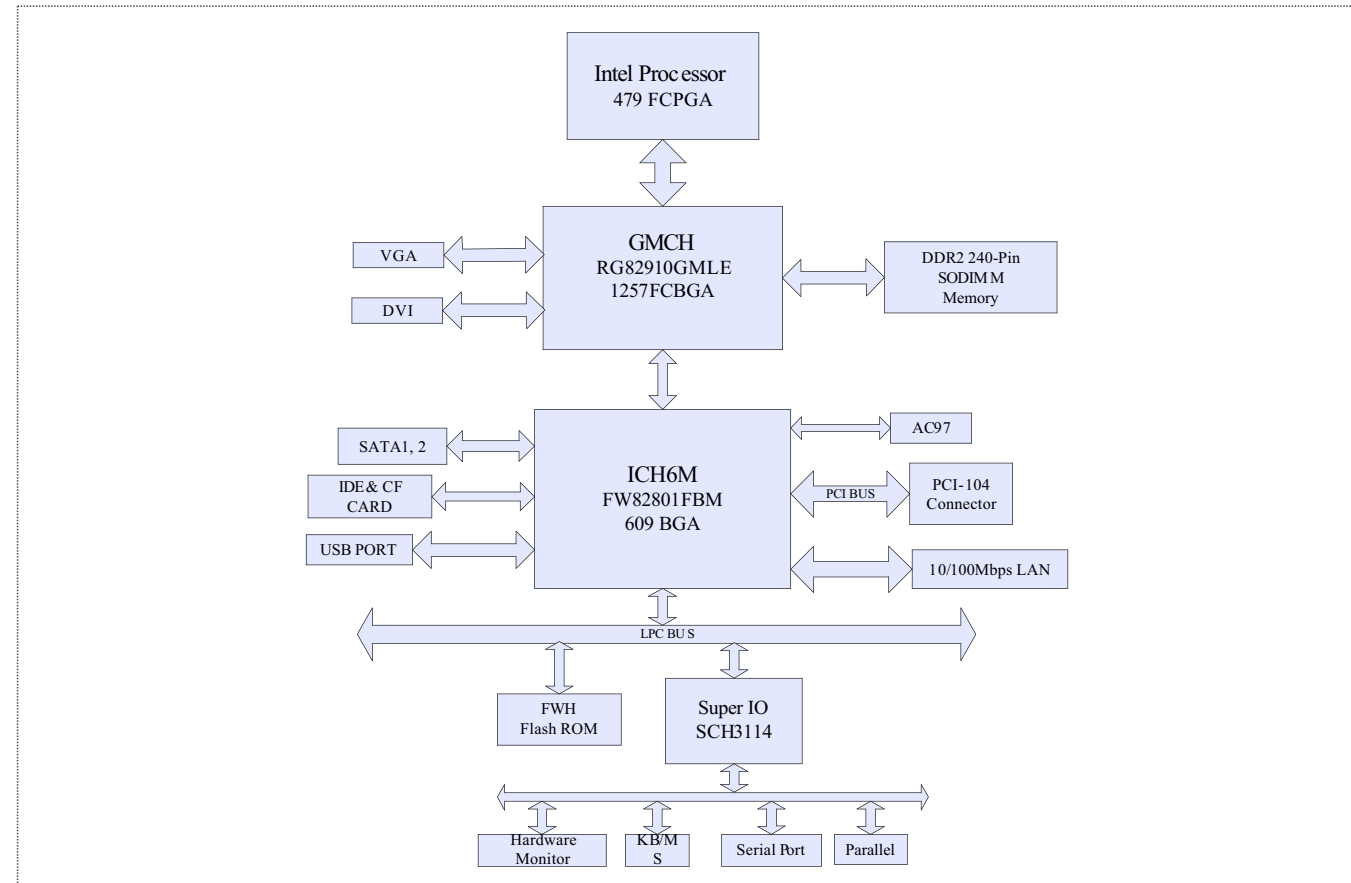
Available Accessories

Part Number	Name	Description	Qty.
——	Driver CD/Protective film/RoHS	EC3-1713CLDNA	1
2330-000011	Jumper/RoHS	2.0mm pitch	2
2360-005031	Y-cable for keyboard and mouse/RoHS	One Mini-DIN port to two PS/2 ports, length: 250mm/RoHS	1
2360-008781	HDD cable/RoHS	40 Pin to 44 Pin (2.0mm pitch), length: 550mm/RoHS	1
2360-011211	Audio cable with bracket/RoHS	Three audio jacks to one 2x5 Pin connector (2.0mm pitch), length: 300mm/RoHS	1
2360-011221	Parallel port cable/RoHS	DB25 connector to 2x13 Pin connector (2.0mm pitch), length: 300mm/RoHS	1
2360-011231	Serial port cable/RoHS	DB9 connector to 2x5 Pin connector (2.0mm pitch), length: 300mm/RoHS	1
2360-014781	Dual USB ports with bracket/RoHS	Two USB ports to one 2x5 Pin connector (2.0mm pitch), length: 550mm/RoHS	1
2360-014891	Power cable/RoHS	One male 20 Pin (2x10) port to female 2x5 Pin connector (4.2mm pitch), length: 150mm/RoHS	1
2360-014911	DVI cable/RoHS	DV1-D connector with screws to 2x10 Pin (2.0mm pitch) connector, length: 200mm	1
2360-017241	Power supply output cable/RoHS	TJC10 4 Pin connector (male) to TJC16-10P 4.2 connector(female), length: 150mm	1
2360-017961	SATAHDD cable/RoHS	SATA7 Pin to SATA7 Pin with elbow connector, length: 550mm/RoHS	1
——	Setup Guide/RoHS	AMI/BIOS Setup Guide (for CORE8)	1
——	User's Manual/RoHS	EC3-1713CLDNA	1

Ordering Information

Part Number	Model Number	Description
0030-002470	EC3-1713CLDNA	Motherboard
0030-010611	EC3-1713CLDNA/TA/Conformal coating	Motherboard/RoHS/TA/Conformal coating
0030-007370	EC3-1713CLDNA/Conformal coating	Motherboard/Conformal coating