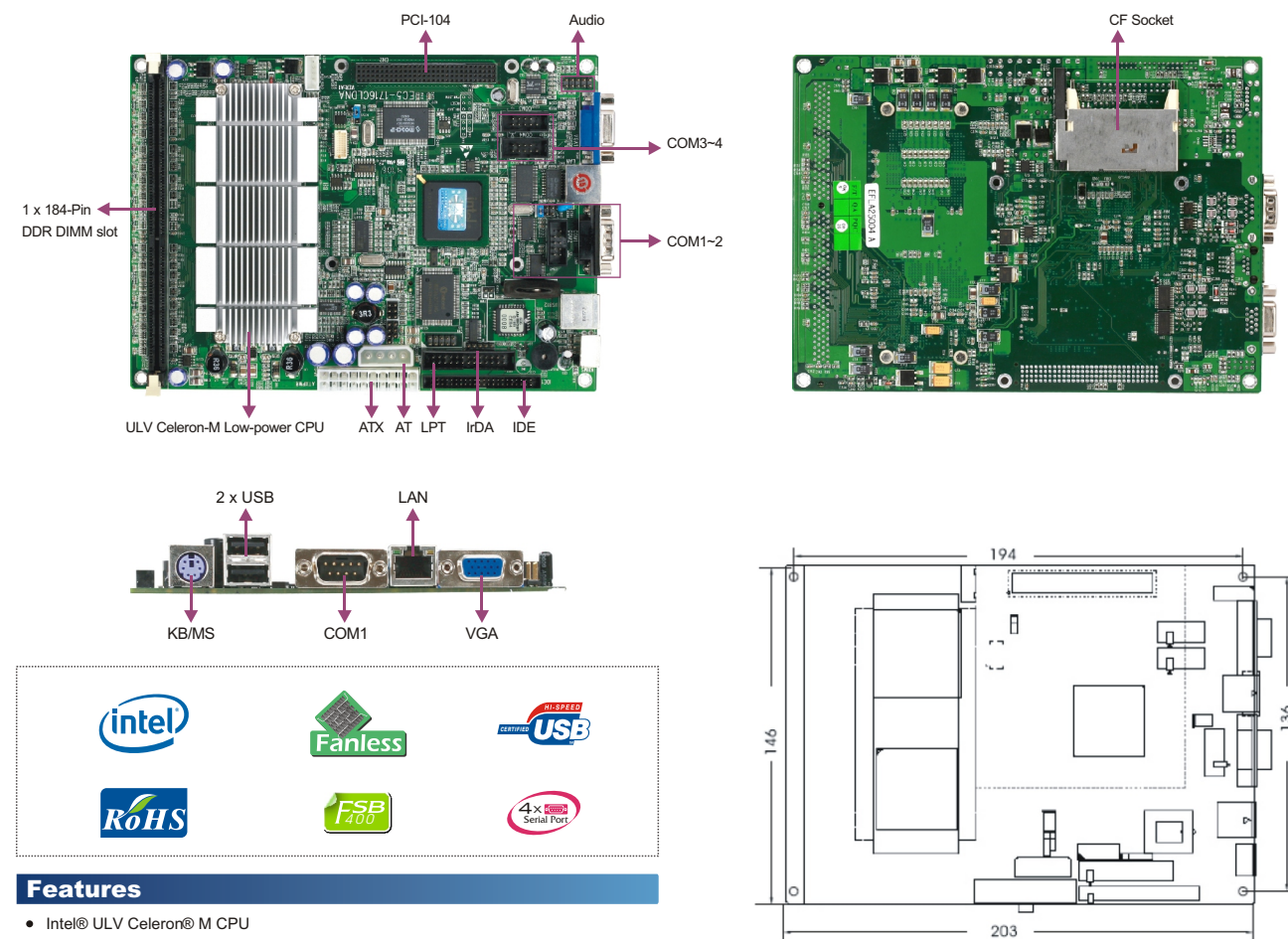


EC5-1716CLDNA

5.25" SBC with ULV Celeron® M CPU and LVDS/VGA/SSD/LAN/Audio



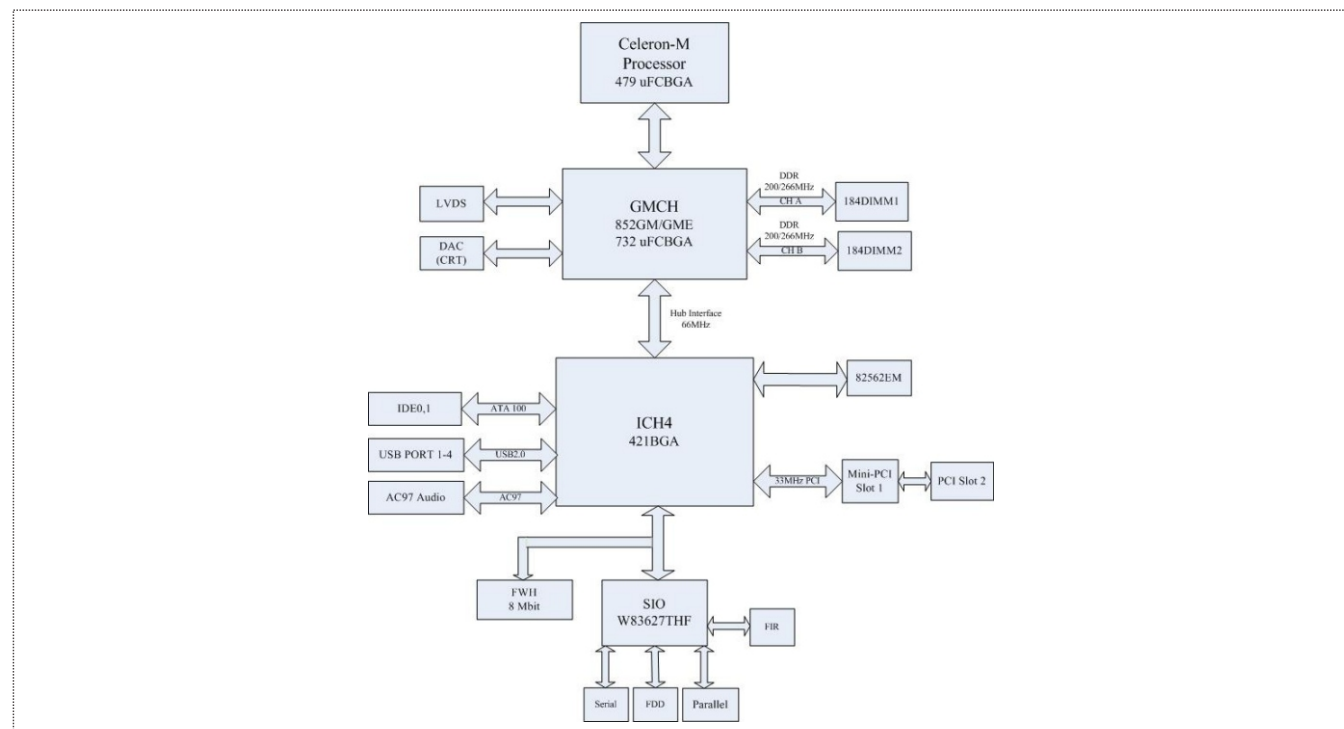
- ### Features
- Intel® ULV Celeron® M CPU
 - Intel® 852GM integrates graphic chip, supporting VGA + LVDS dual display
 - 4 x serial port (COM2 supports RS-232/422/485)
 - Standard PCI-104 expansion bus

Specifications

System	
Processor	Intel® ULV Celeron® M CPU
Chipset	Intel® 852GM + ICH4 chipset
Memory	1 x 184-pin DIMM Socket, up to 1 GB DDRmemory
Hardware Monitor	Monitors CPU temperature, voltage
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	PCI-104 expansion bus
Storage	
IDE	1 x 40-pin Ultra ATA100 channel, supporting two IDE devices
Serial ATA	N/A
Floppy	N/A
CompactFlash	1 x CompactFlash Type I/II socket
DOC/DOM	N/A
I/O Interface	
USB	2 x USB2.0 port
Serial Port	4 x RS-232 (COM2 supports RS-232/422/485)
Parallel Port	1 x LPT
IrDA	1 x 115Kbps IrDA interface
GPIO	4-channel digital input/output
Audio	AC'97 audio. Supports Speaker-out, Mic-in and Line-in

Display	
Display Controller	Intel® 852GME integrated graphics acceleration controller at 133MHz. Supports DVMT2.0
Display Memory	64MB shared memory
Resolution	VGA mode: up to 1600 x 1200@85Hz and 2048 x 1536@75Hz / LVDS mode: up to 1600 x 1200@60Hz with 18bpp
Display	VGA + LVDS dual display
Ethernet	
Ethernet Controller	1 x Intel® 82562ET Ethernet controller
Speed	10/100Mbps
Connector Interface	1 x RJ45
Mechanical and Environmental	
Dimensions	203mm x 146mm
Operating Temperature	0°C~60°C
Storage Temperature	-20°C~60°C
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	AT/ATX power supply supported
Power Consumption	N/A
Operating System	
Windows OS	Windows NT 4.0/Windows 98SE/Windows 2000/Windows XP
Embedded OS	Linux/XP Embedded/ WinCE

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
—	Driver CD/protective film/RoHS	EC5-1716CLDNA	1
2330-000041	Jumper/RoHS	2.54mm pitch, blue	6
2360-005031	Y-cable for keyboard and mouse/RoHS	One minDIN port to two PS/2 ports, length: 250mm/RoHS	1
2360-009091	HDD flat cable/RoHS	44 Pin (2.0) HDD cable, length: 400	1
2360-010011	Serial cable/RoHS	DB9 connector to 2x5 Pin, length: 265mm/RoHS	3
2360-010161	Parallel port cable with bracket/RoHS	DB25 connector to 2x13 Pin, length: 265mm/RoHS	1
2360-011141	Audio cable with bracket/RoHS	Three audio connectors with bracket to 2x5 Pin, length: 300mm/FSC-1731VNRA	1
—	Setup Guide/RoHS	AMI/BIOS Setup Guide (for CORE8)	1
—	User's Manual/RoHS	EC5-1716CLDNA	1

Ordering Information

Part Number	Model Number	Description
0030-006141	EC5-1716CLDNA-600M	Motherboard/Celeron® M 600M/RoHS
0030-006140	EC5-1716CLDNA-600M	Motherboard/Celeron® M 600M
0030-005210	EC5-1716CLDNA-800M	Motherboard/Celeron® M 800M
0030-005211	EC5-1716CLDNA-800M	Motherboard/Celeron® M 800M/RoHS
0030-006150	EC5-1716CLDNA/1G	Motherboard/Celeron® M 1G
0030-001730	EC5-1716CLDNA/CM1.5G	Motherboard/Celeron® M 1.5G