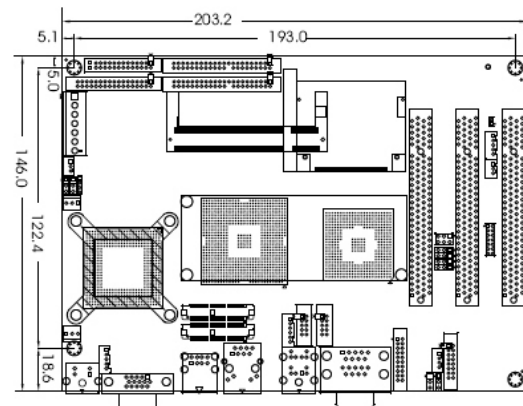
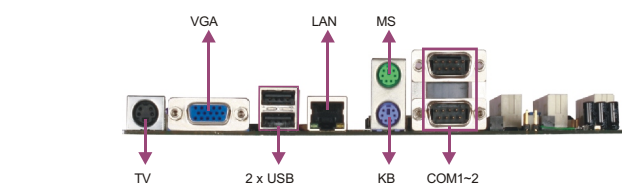
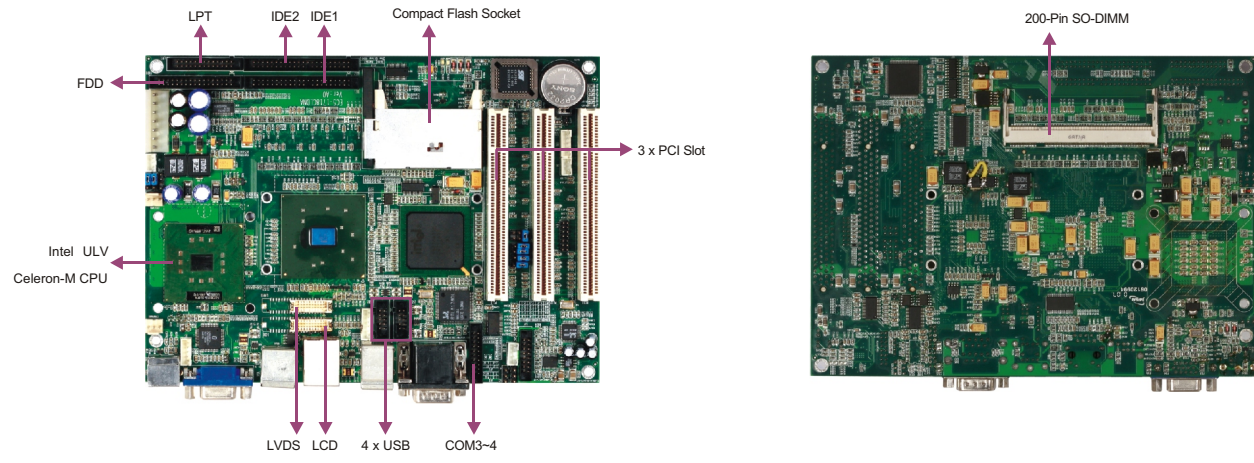


EC5-1718CLDNA

5.25" SBC with CPU/LVDS/VGA/SSD/LAN/Audio



FEATURES

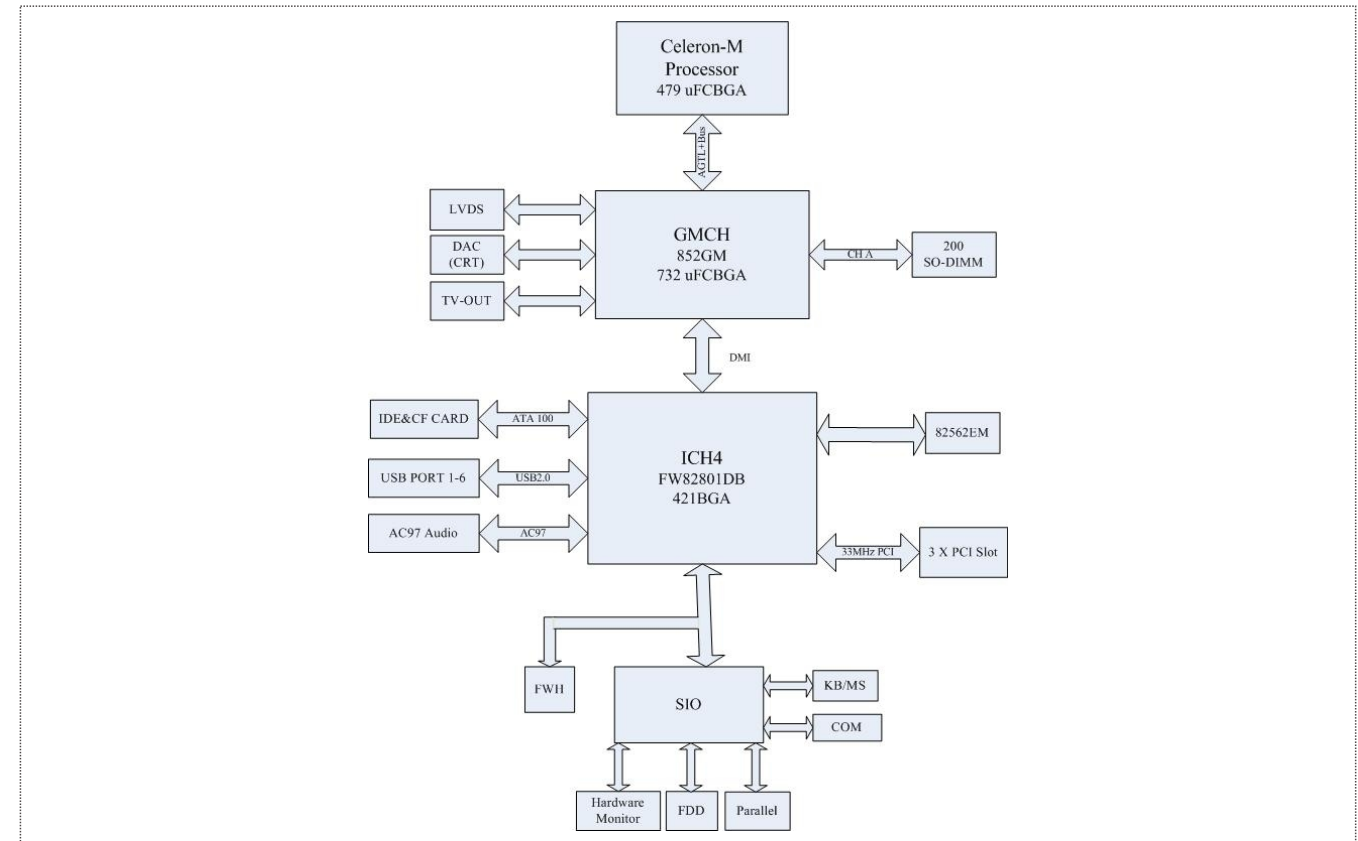
- ULV Celeron® M 600MHz CPU
- Supports VGA+LVDS, VGA+ TV-OUT and LVDS + TV-OUT dual display
- Two ATA-100 IDE ports, six USB2.0 ports
- 3 x PCI slot

SPECIFICATIONS

System	
Processor	Intel® ULV Celeron® M 600MHz
Chipset	Intel® 852GM + ICH4 chipset
Memory	1 x 200-pin SO-DIMM slot, DDR 266MHz 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	3 x PCI slot
Storage	
IDE	2 x 44-pin Ultra ATA 100 IDE interface. Supports two IDE devices
Serial ATA	N/A
Floppy	1 x FDD
CompactFlash	1 x CompactFlash Type I/II socket
DOC/DOM	N/A
I/O Interface	
USB	6 x USB2.0 port
Serial Port	4 x RS-232 (one supports RS-422/485)
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	AC'97. Supports Speaker-out, CD-in, Line-in and Line-out

Display	
Display Controller	Intel® 852GME integrated graphics acceleration controller at 133MHz. Supports DVM2.0
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	Supports VGA, LVDS and TV-OUT interfaces, 18-bitTTL TFT display, and VGA + LVDS, LVDS + TV-OUT 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~55°C
Storage Temperature	-25°C~75°C
Operating Humidity	5%-95%, non-condensing
Power	
Power Supply	AT/ATX power supply supported
Power Consumption	10.8W (typical)
Operating System	
Windows OS	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	EC5-1718CLDNA	1
2330-000011	Jumper/RoHS	2.0mm pitch	1
2330-000041	Jumper/RoHS	2.54mm pitch, blue	5
2360-006261	Parallel port cable/RoHS	DB25 connector to 2 x 13(female) connector (2.0mm), length: 240mm	1
2360-009451	FDD flat cable/RoHS	(34p-34p-34p) connector (2.0mm pitch), length: 455mm/RoHS	1
2360-014931	Converter cable/RoHS	1x5 Pin (2.0mm pitch) black (female) to 1 x 5 Pin socket black (male), length: 300mm	1
2360-014941	Power cable/RoHS	TJC6-7P 1x3 Pin 2.0mm pitch (female) connector to 2 x 10 Pin 4.2mm pitch (male) connector, length: 300mm	1
2360-014951	Y-cable for keyboard and mouse/RoHS	PS 2 keyboard and mouse connector (female) to JST-6P 2.0mm pitch, length: 300mm	1
2360-014961	COM cable/RoHS	Dual DB 9 Pin connector to 2 x 10 2.0mm pitch connector, length: 300mm/A1	1
2360-017051	USB cable/RoHS	Dual USB ports with screws to 2 x 5 Pin connector, 2.0 pitch, length: 550mm	1
2360-018061	Parallel flat cable/RoHS	IDC40P connector to 2 x 22 Pin 2.0mm pitch connector, length: 200/300mm	1
2360-018201	Audio cable without bracket/RoHS	Five audio jacks to one 2 x 8 Pin connector (2.0mm pitch), length: 300mm/RoHS	1
—	Setup Guide/RoHS	AMI/BIOS Setup Guide (for CORE/8)	1
—	User's Manual/RoHS	EC5-1718CLDNA	1

Ordering Information

Part Number	Model Number	Description
0030-006160	EC5-1718CLDNA	Motherboard
0030-006161	EC5-1718CLDNA	Motherboard/RoHS

1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard/Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories

1

Full-Size/Half-Size Slot CPU Cards

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SBC/Motherboard/Modules

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Embedded Box PC

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Accessories