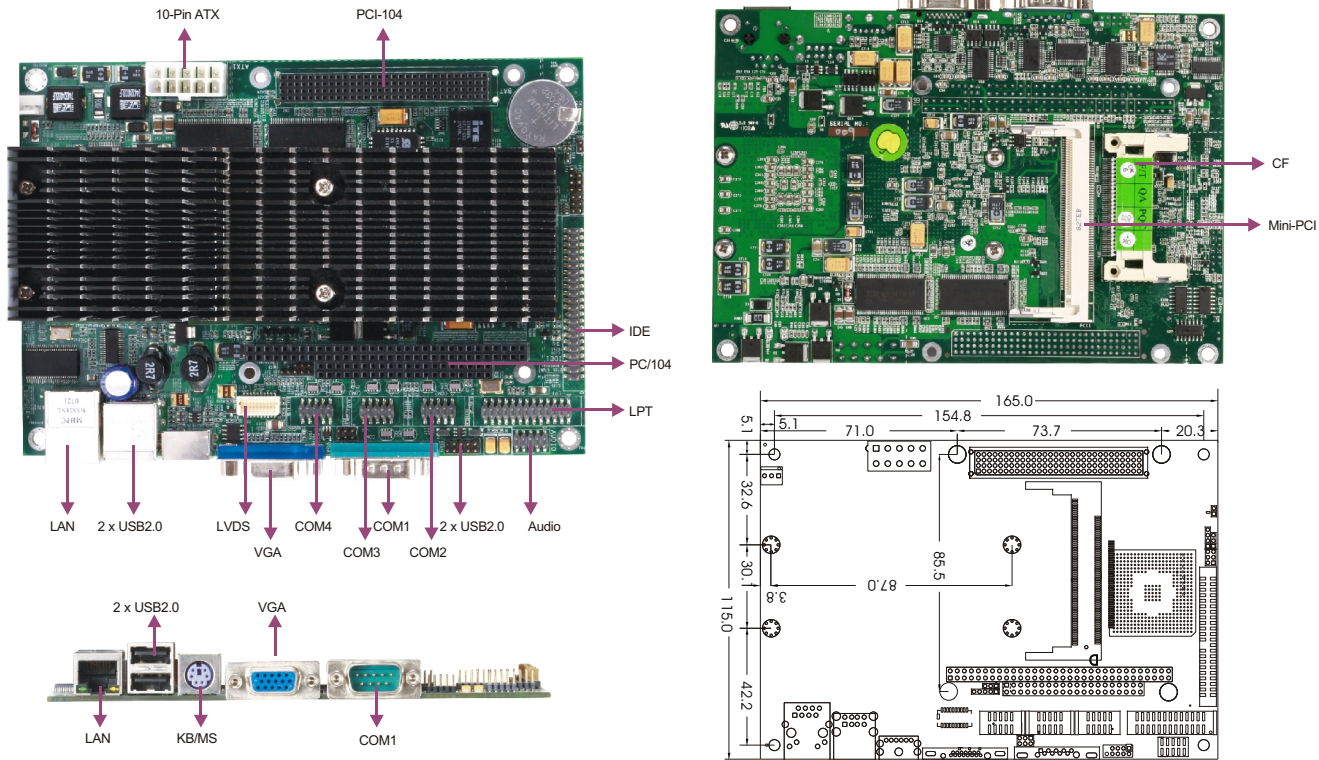


EC4-1712CLDNA

EPIC SBC with CPU and LVDS/VGA/SSD/LAN/Audio



Features

- EPIC SBC with Mini-PCI, PC/104 and PC/104-Plus expansion bus
- Onboard Intel® Celeron® M 800MHz processor, optional Celeron® M 1G/ Pentium® M 1.4G
- Intel® 852GM chipset, supporting VGA+LVDS dual-display
- Supports 1 x 10/100Mbps Ethernet controller
- Supports 4 x USB2.0, 4 x COM, 1 x IDE, 1 x LPT, 1 x VGA, 1 x LVDS, 1 x PC/104-Plus, 1 x Mini-PCI, 1 x CF, 1 x KB/MS

Display

Chipset Intel® 852GM integrated graphics acceleration controller
 Memory 64MB shared memory for video
 Resolution VGA mode up to 2048 x 1536@75Hz or 1600 x 1200@85Hz
 LVDS mode up to 1600 x 1200@18bit

Ethernet

Chipset Intel EP82562ET
 Speed 10/100Mbps
 Connector 1 x RJ 45

Mechanical and Environmental

Dimensions 165mm x 115mm
 Operating Temperature -15°C~65°C
 Storage Temperature -25°C~75°C
 Operating Humidity 5%-90%, non-condensing

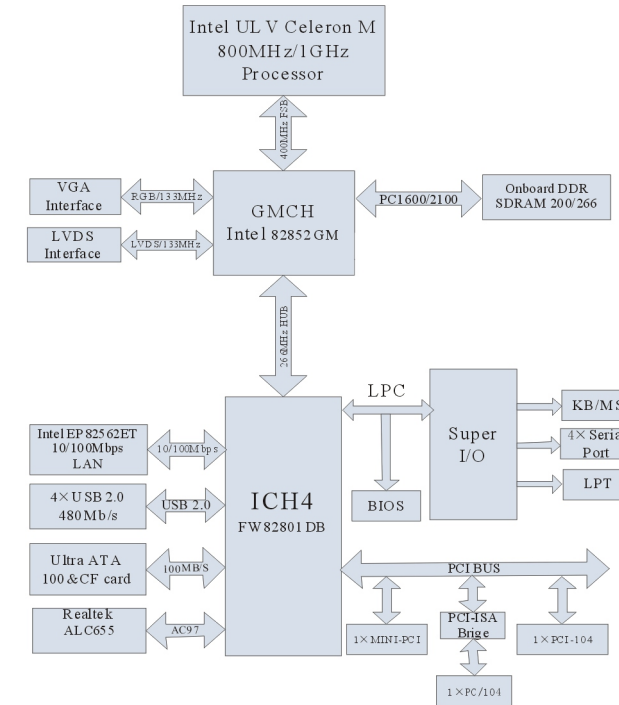
Power

Power Supply 10-pin ATX power supply
 Power Consumption N/A

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	EC4-1712CLDNA	1
—	User's Manual/RoHS	EC4-1712CLDNA	1
—	Setup Guide/RoHS	AMI/BIOS Setup Guide (for CORE8)	1
2330-000011	Jumper/RoHS	2.0mm pitch	4
2330-000041	Jumper/RoHS	2.54mm pitch, blue	4
2331-002251	Pin header/RoHS	2x20 Pin, 2.54mm pitch, two sides of equal length: 6+6mm	1
2331-002261	Pin header/RoHS	2x32 Pin, 2.54mm pitch, two sides of equal length: 6+6mm	1
2331-002421	Socket/RoHS	PC104 2x32 Pin long socket, plastics height: 8.5mm, pin height: 5.65mm	1
2331-002561	Socket/RoHS	PC104 2x20 Pin long socket, plastics height: 8.5mm, pin height: 5.65mm	1
2360-005031	Y-cable for keyboard and mouse/RoHS	One minDIN port to two PS/2 ports, length: 250mm/RoHS	1
2360-008781	HDD flat 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	3
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 2x10 Pin port to female 2x5 Pin connector (4.2mm pitch), length: 150mm/RoHS	1
2391-002141	Nut/RoHS	M3/GB-T6170-1986/nickel plating	4
2391-004631	Copper hex bolts/RoHS	M3x25-4/CH-M3-25-4-Ni	4

Related Product

Item	Typical Recommendation
PC/104 Expansion Card	104-P8COM, 104-VGAEL, 104-4LAN
PC/104 Expansion Card	104-8COM, 104-32ADT, 104-64IO
Power Supply	AT or ATX

Ordering Information

Part Number	Model Number	Description
0030-006600	EC4-1712CLDNA	Motherboard
0030-006601	EC4-1712CLDNA	Motherboard/RoHS
0030-003320	EC4-1712CLDNA(B)	Motherboard
0030-010730	EC4-1712CLDNA(B) CM-1G	Motherboard/Celeron-M 1G
0030-003310	EC4-1712CLDNA/CM-1G	Motherboard/Celeron-M 1G

- 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
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- 8 MCC Series
- 9 Chassis
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