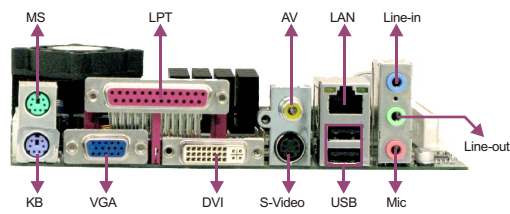
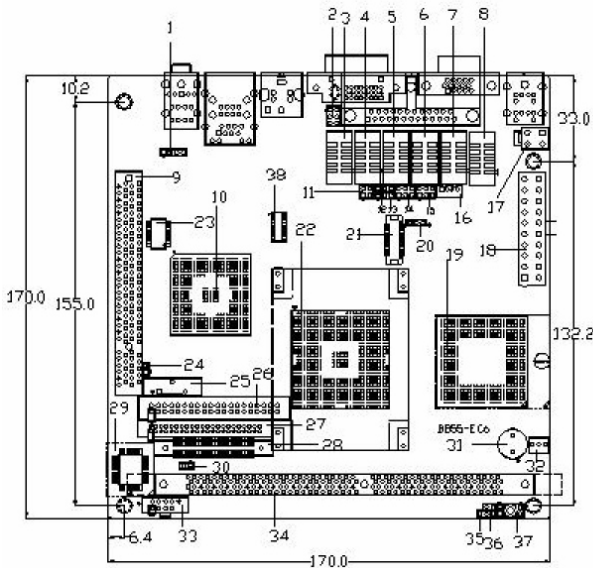
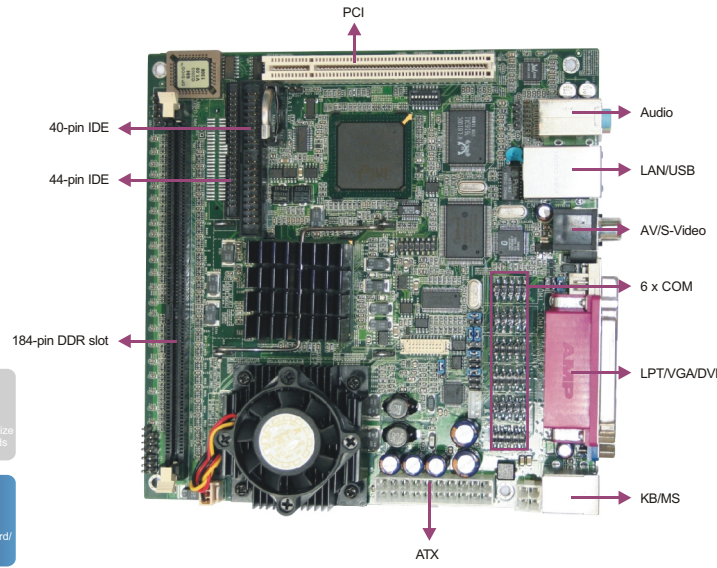


EC7-8711CLNA

Mini-ITX SBC with Intel® Pentium® M CPU/LVDS/VGA/DVI/TV/LAN/Audio/6COM



Features

- Onboard Intel® Pentium® M 1.4G Processor 400MHZ FSB
- Intel® 852GM+ICH4M
- One 184-pin DDR DIMM slot, memory up to 1GB
- Supports one 10/100M LAN interface
- Supports CRT, LVDS, AV, S-Video DVI-I display output
- Supports PCI bus expansion
- Six serial ports, four standard USB2.0 high speed interfaces

Specifications

System	
Processor	Onboard Intel® Pentium® M 1.4G Processor on 400MHZ FSB
Chipset	Intel® 852GM+ICH4M
Memory	One 184-pin DDR 200/266MHz DIMM slot, memory up to 1GB
Hardware Monitor	Monitors the system status, voltage, temperature and fan speed
Watchdog Timer	Software programmable supports 1~255 sec./min. System reset/interrupt
Expansion Interface	
Expansion Interface	One PCI slot, supporting PCI bus expansion. Both PCI and 1 to 3 PCI expansion card are available
Storage	
IDE	1 x 40-pin IDE interface, 1 x 44-pin IDE interface
I/O Interface	
USB	4 x USB2.0, 2 rear panel ports, 1 onboard USB header providing two extra ports
Serial Port	6 x RS232 (COM 2 supports RS232/485, COM1.3.4 offer +5V/12V power)
Parallel Port	1 x LPT
Keyboard/Mouse	1 x PS/2
GPIO	4-bit digital input and 4-bit digital output
Audio	Standard AC'97, Realtek AL6655, supporting MIC-in/Line-in/Line-out

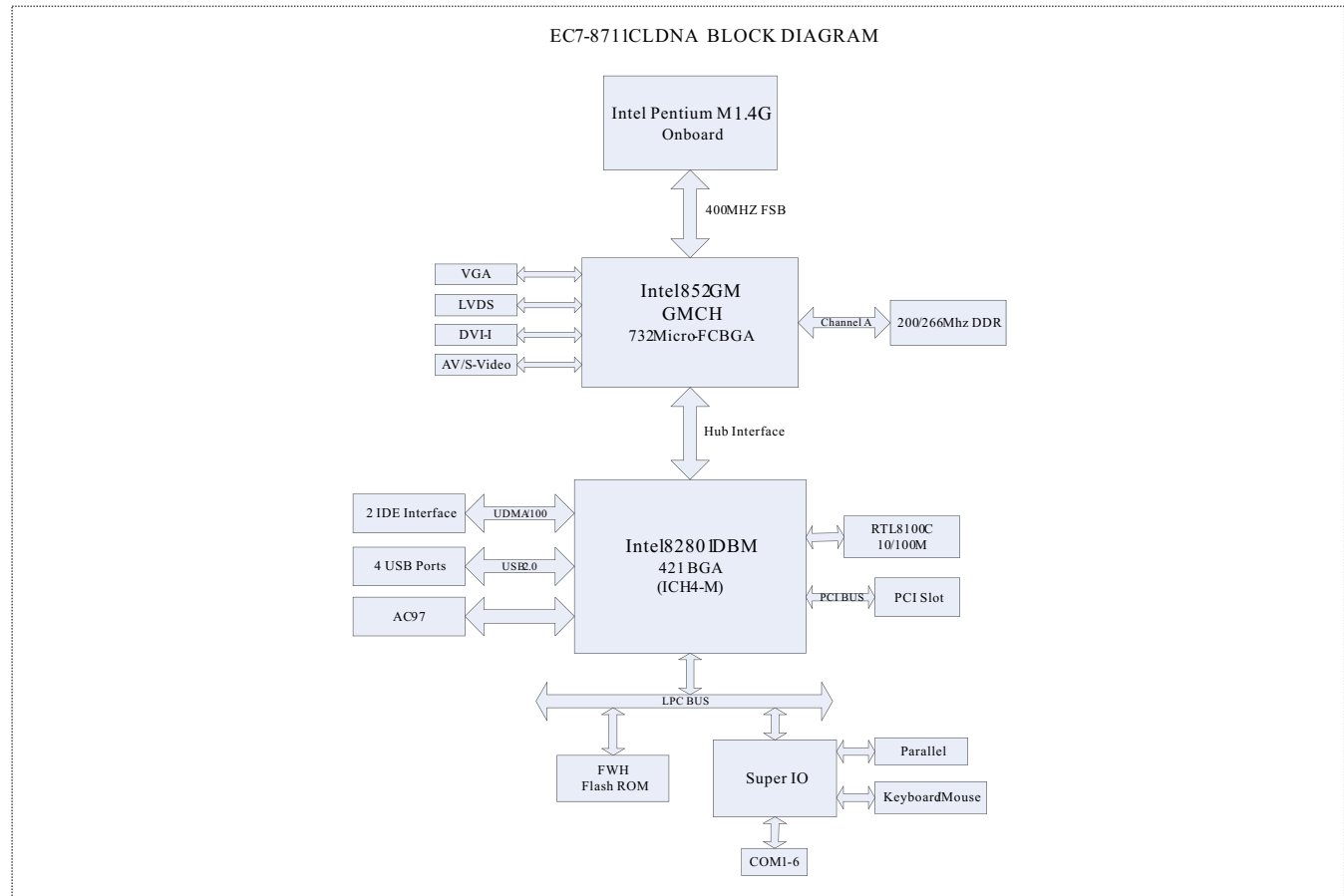
Display	
Chipset	Integrated in Intel® 852GM, providing a highly integrated graphics accelerator delivering high performance 2D, 3D and video capabilities
Memory	Dynamic Video Memory Technology allows the systems to dynamically allocate memory resources according to the demands of the system
Display	Supports CRT, DVI-I, LVDS, AV, S-Video display output
Ethernet	
Chipset	1 x Realtek RTL8100CL
Speed	10/100 Mbps
Connector	1 x RJ45 LAN connector

Mechanical and Environmental	
Dimensions	170mm x 170mm
Operating Temperature	0°C~60°C
Storage Temperature	-25°C~75°C
Operating Humidity	5%-90%, non-condensing

Power	
Power Supply	20-pin ATX power supply
Power Consumption	Typical 36W

Operating System	
Windows OS	Windows NT 4.0/Windows 98SE/ Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
	SATAcable/RoHS	SATA7 Pin to SATA7 pin cable	2
	IDE cable/RoHS	40 pin IDE port to 2x 40 pin IDE port	1
	Serial Port cable/RoHS	DB9 connector to IDC 2x5 Pin connector	6
	I/O back panel	—	1
	Driver CD/Manual/RoHS	EC7-8711CVNA	1

Ordering Information

Part Number	Description
EC7-8711CVNA	Mini-ITX SBC with Intel® Pentium® M 1.4GHz CPU/LVDS/VGA/DVI/TV/LAN/Audio/6 COM