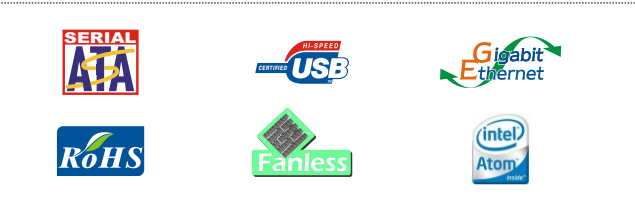
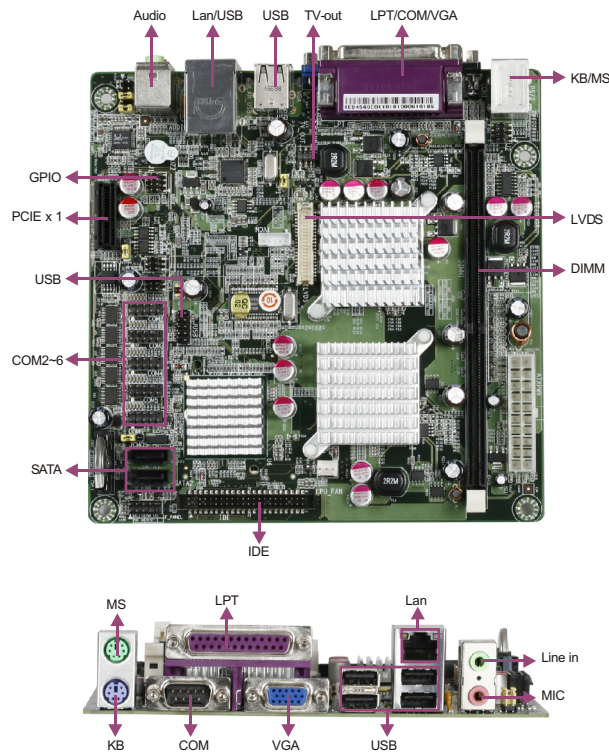


# EC7-8816CLDNA(B)



Mini-ITX SBC with CPU VGA/LVDS/Audio/LAN/6COM



## Features

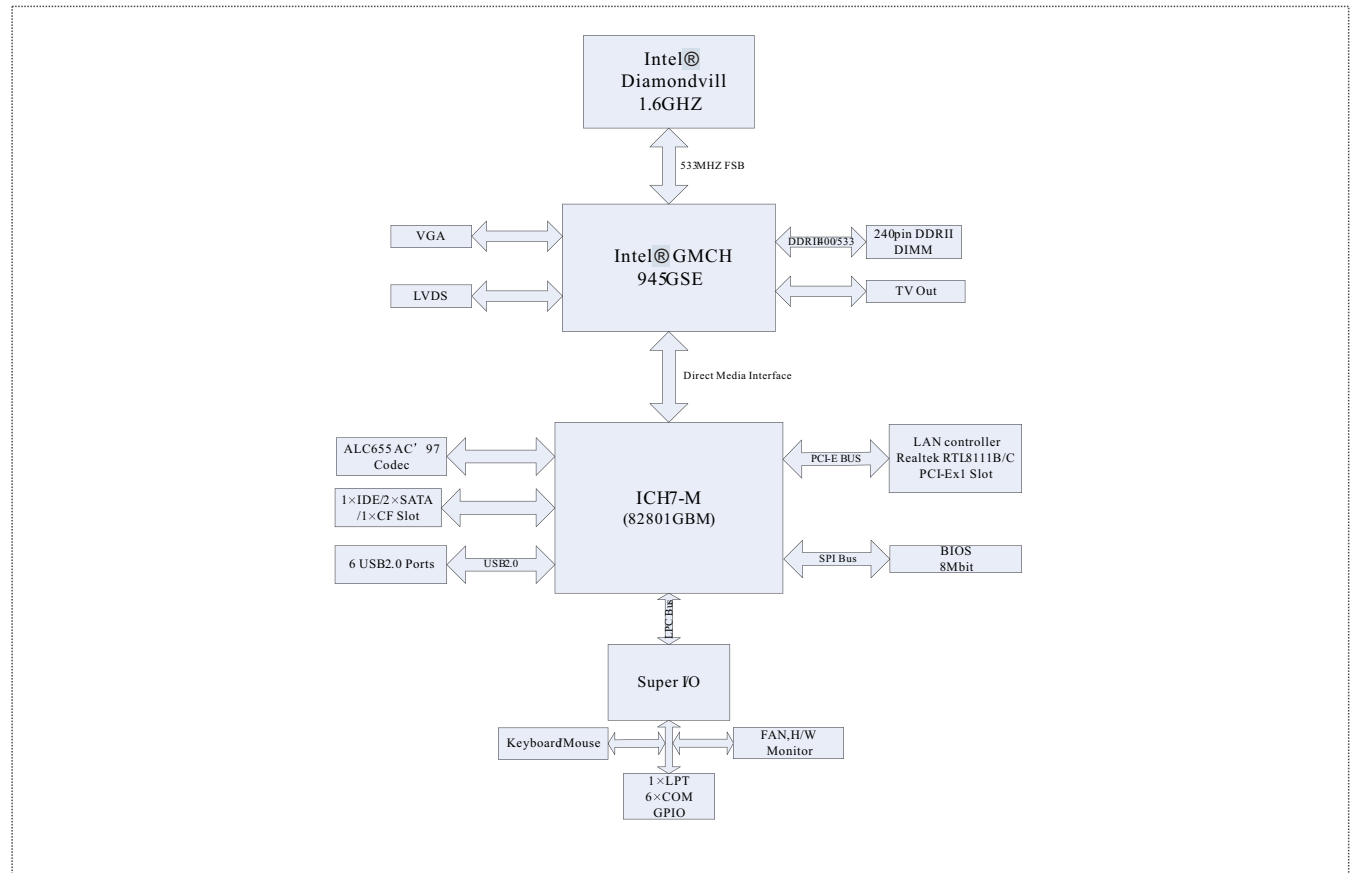
- Onboard Intel® N270 1.6GHz/512KB/533MHz Processor
- Supports DDRII 400/533 SDRAM
- Intel® 945GSE supports FSB 533/400MHz
- Supports 6 x USB2.0, 1 x LPT, 6 x COM, 1 x LAN, 1 x Audio

## Specifications

System	
Processor	Onboard Intel® N270 1.6GHz/512KB/533MHz Processor
Chipset	Intel® 945GSE+ICH7M
Memory	1 x 240-pin 400/533MHz DDRII DIMM slot
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255Sec./Min
Expansion Interface	1 x PCIE x 1
Storage	
IDE	1 x 44-pin IDE interface
Serial ATA	2 x Serial ATA 300MB/s interface
Floppy	N/A
CF	1 x CompactFlash socket
DOC/DOM	N/A
I/O Interface	
USB	6 x USB2.0
Serial Port	6 x RS232(COM2 supports RS232/422/485, COM3 offers +5V/12V power)
Parallel Port	1 x LPT
IrDA	N/A
GPIO	2 in and 2 out
Audio	Supports AC'97 Codec

Display	
Chipset	Intel® 945GSE integrated graphics controller
Memory	Supports DMVT3.0(Dynamic Video Memory Technology)
Dual Display	Supports VGA, LVDS, TV display
Ethernet	
Chipset	RTL8111B/RTL8111C
Speed	10/100/1000Mbps
Connector	1 x RJ45
Mechanical and Environmental	
Dimensions	170mm x 170mm
Operating Temperature	0°C~55°C
Storage Temperature	N/A
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	Supports ATX power supply
Power Consumption	Max 20W
Operating System	
Windows OS	Windows 98SE/ Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded

## Board Diagram



## Available Accessories

Name	Description	Qty.
IDE Cable/RoHS	44-pin IDE cable	1
SATAHDD cable/RoHS	SATA7 Pin to SATA7 Pin	1
One SATA power cable		1
Serial cable/RoHS	DB9 connector to 2x5 Pin	5
driver CD	EC7-8816CLDNA(B)	1

## Ordering Information

Part Number	Description
EC7-8816CLDNA(B)	Mini-ITX SBC with CPU/VGA/LVDS/Audio/LAN/6COM