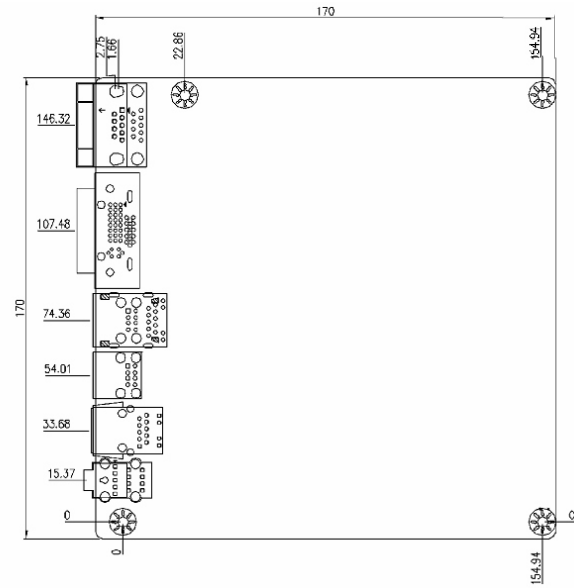
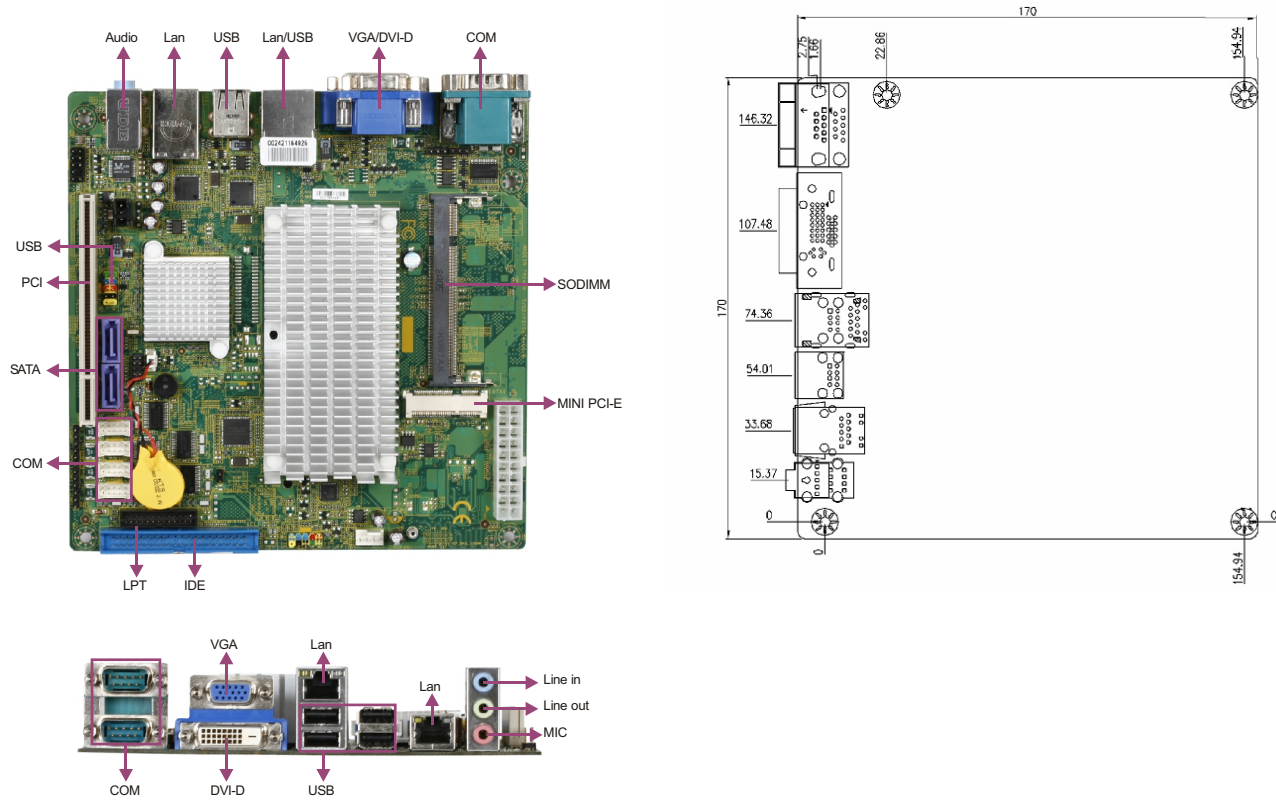


EC7-8816CV2NA

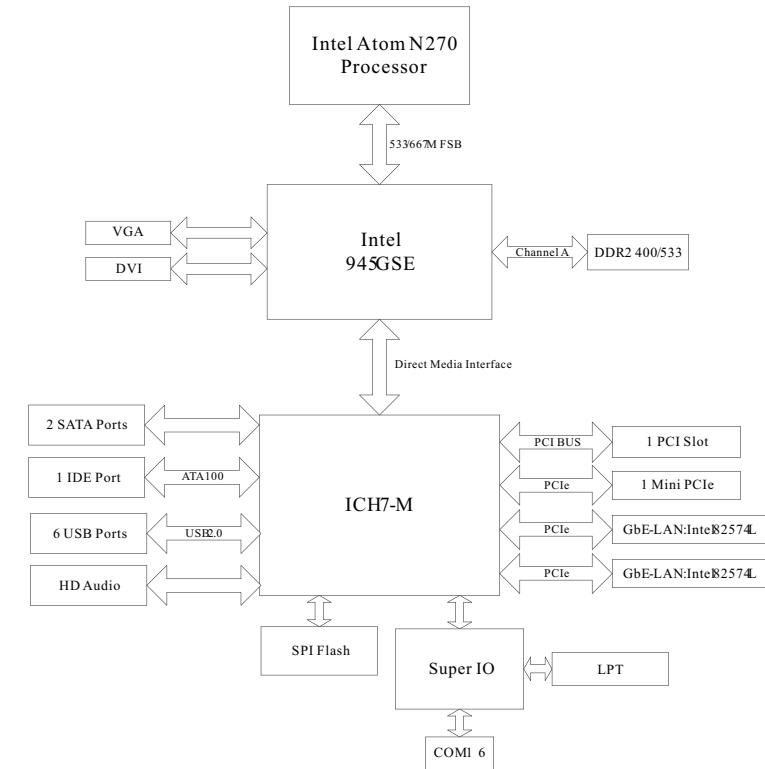


Mini-ITX SBC with Atom N270/VGA/2LAN/Audio/6COM



Board Diagram

EC7-8816CV2NA FUNCTION BLOCK DIAGRAM



Available Accessories

Name	Description	Qty.
IDE HDD Cable	40pin IDE Cable	1
SATA HDD Cable	SATA7 Pin to SATA7 Pin with elbow connector	2
I/O Back Panel		1
Driver CD/Manual /RoHS	EC7-8816CV2NA	1

Ordering Information

Part Number	Model Number	Description
2100-065081	EC7-8816CV2NA	Mini-ITX SBC with VGA/2 Lan/Audio/6COM

Features

- Onboard Intel® Atom™ N270 1.6GHz processor
- Intel® 945GSE+ICH7M chipset
- Supports 1 x 200-pin SODIMM, up to 1GB of DDR2 533/667/800
- Supports 2 x 10/100M/1000Mbps Ethernet interface
- Supports 6 x COM, 1 x PCI, 1 x Mini PCI-E



Specifications

System	
Processor	Onboard Intel® Atom™ N270 1.6GHz processor
Chipset	Intel® 945GSE+ICH7M
Memory	Supports 1 x 200-pin SODIMM, up to 1GB of DDR2 533/667/800
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	1 x PCI, 1 x Mini PCI-E
Storage	
IDE	1 x 40PIN IDE interface
Serial ATA	2 x Serial ATA 1.5Gb/s interface
Floppy	N/A
CF	N/A
DOC/DOM	N/A
I/O Interface	
USB	6 x USB2.0 port
Serial Port	6 x RS-232 (COM5 supports RS232/422/485) (all serial ports offer +5v/12v power)
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	Realtek® ALC888, available interfaces of Speaker-out, Line-in and Mic-in
Keyboard/Mouse	NA

Display	
Chipset	Intel® 945GSE integrated GMA950 graphics controller
Memory	64MB shared memory
Resolution	
Dual Display	VGA, DVI-D
Ethernet	
Chipset	2 x Intel® 82574L
Speed	10/100M/1000Mbps
Connector	2 x RJ45
Mechanical and Environmental	
Dimensions	170mm x 170mm
Operating Temperature	0°C~60°C
Storage Temperature	-20°C~80°C
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	Supports ATX power supply
Power Consumption	N/A
Operating System	
Windows OS	Windows 2000/ Windows XP
Embedded OS	