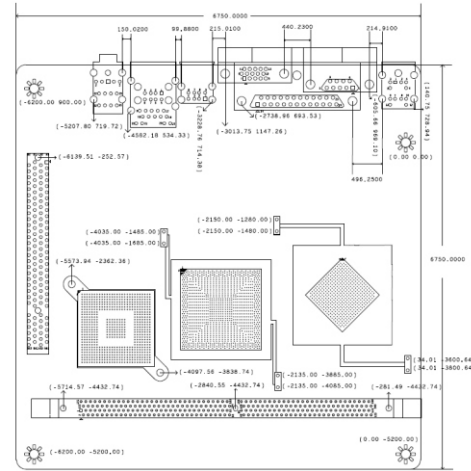
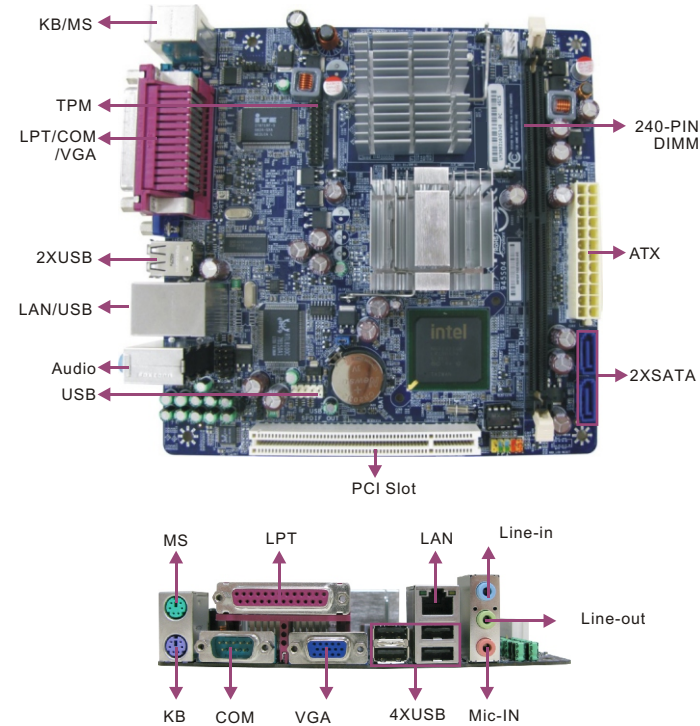


EC7-8813CVNA

Mini-ITX SBC with Atom™ 230 CPU/VGA/LAN/Audio/COM



Features

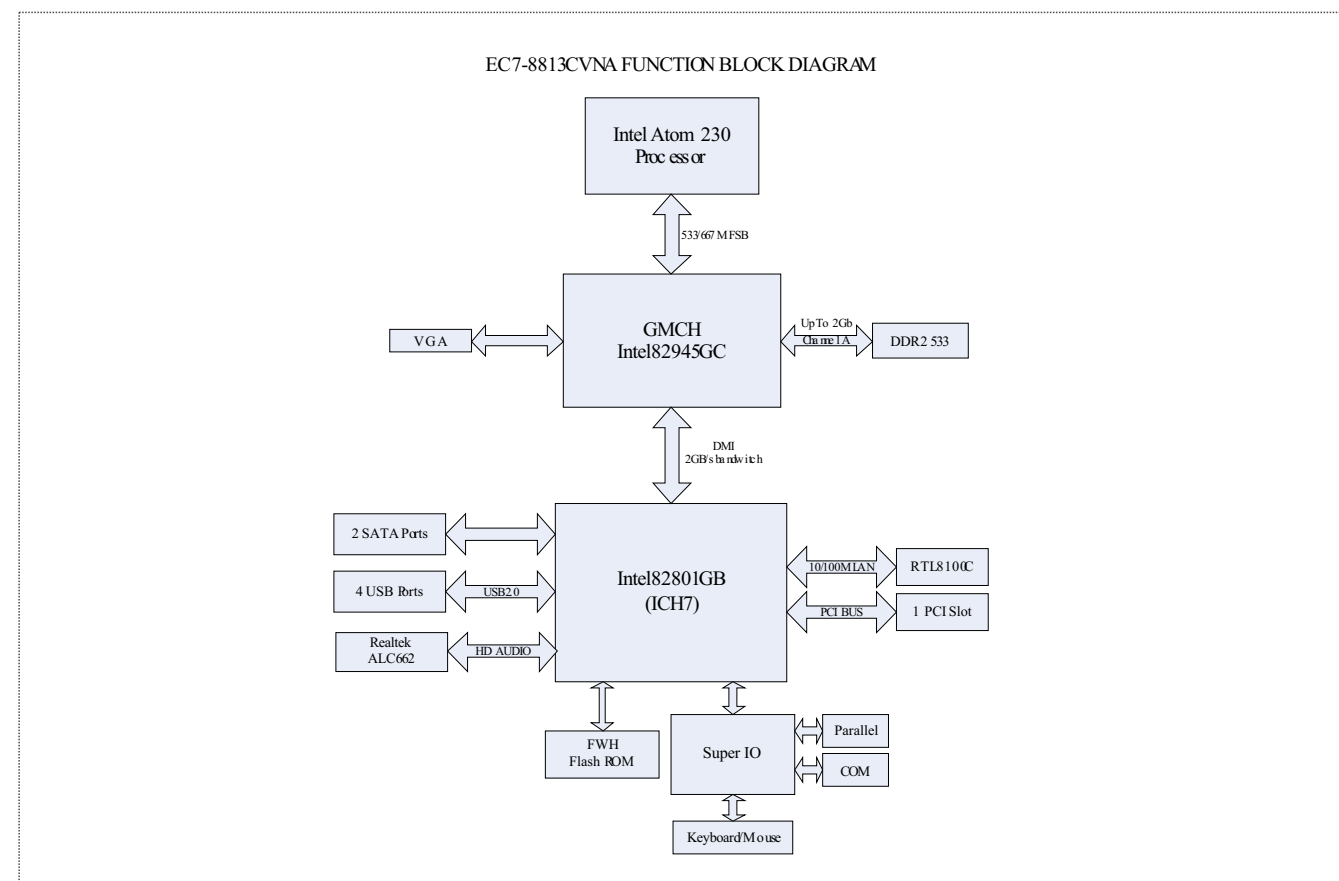
- Onboard Intel® Atom™ 230 Processor
- Supports 1 x 240-pin DIMM, up to 2 GB DDR2 memory
- Supports VGA display
- Supports 1 x 10/100 Ethernet interface
- Supports 1 x 32-bit/33MHz PCI slot
- Supports 6 x USB2.0, 1 x COM, 2 x SATA, 1 x LPT, 1 x TPM

Specifications

System	
Processor	Onboard Intel® Atom™ 230 Processor, 533MHz FSB
Chipset	Intel® 945GC+ICH7
Memory	Supports 1 x 240-pin DIMM, up to 2GB DDR2 533/667 memory
Hardware Monitor	Monitors the system status, voltage, temperature and fan speed
Expansion Interface	Supports 1 x PCI slot
Storage	
IDE	N/A
Serial ATA	2 x Serial ATA 300MB/s interface
CF	N/A
I/O Interface	
USB	6 x USB2.0 (4 x rear panel port, 1 x onboard USB header, providing two extra ports)
Serial Port	1 x COM
Parallel Port	1 x LPT
Keyboard/Mouse	1 x PS/2
IrDA	1 x IrDA infrared header
TPM	1 x TPM1.2 connector
Audio	Onboard Realtek ALC622, supporting High Definition Audio

Display	
Chipset	Intel® 945G integrated graphics GMA950 at 400MHz
Memory	256MB shared memory
Display Interface	Supports VGA display
Resolution	VGA mode up to 2048 x 1536@75Hz
Ethernet	
Chipset	Realtek RTL8100C
Speed	10/100 Mbps
Connector	1 x RJ45
Mechanical and Environmental	
Dimensions	170mm x 170mm
Operating Temperature	0°C~60°C (optional -20°C~50°C)
Storage Temperature	-25°C~75°C
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	Standard 24-pin ATX power supply
Power Consumption	N/A
Operating System	
Windows OS	Windows XP

Board Diagram



Available Accessories

Name	Description	Qty.
SATA cable/RoHS	SATA7 Pin to SATA7 Pin cable	2
Serial Port cable/RoHS	DB9 connector to IDC 2x5 Pin connector	1
I/O back panel	—	1
Driver CD/Manual/RoHS	EC7-8813CVNA	1

Ordering Information

Model Number	Description
EC7-8813CVNA	Mini-ITX SBC with Atom 230 CPU/VGA/LAN/Audio/COM

- 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

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