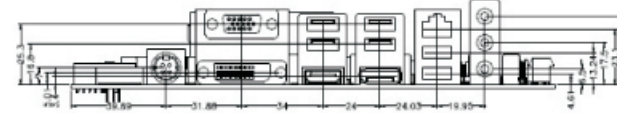
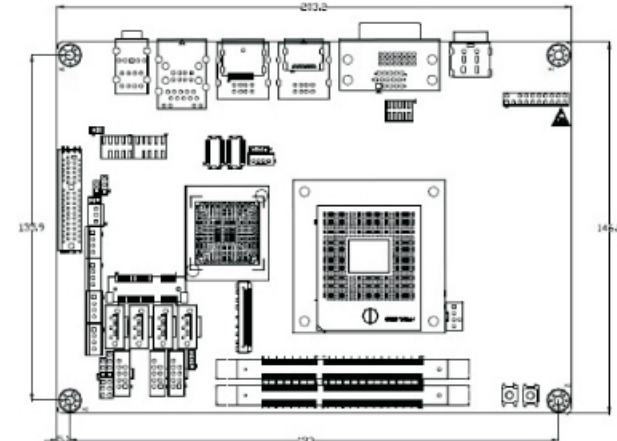
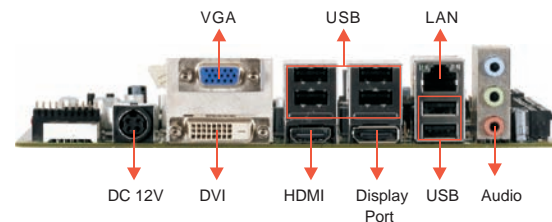
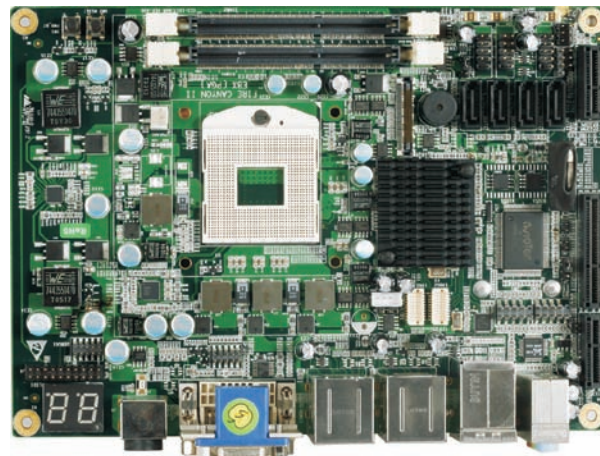


# EC5-1817LNAR

5.25" SBC with Intel® rPGA989 I3/I5/I7 CPU and VGA/LVDS/DVI/HDMI/LAN/Audio

## UNITRONIX Pty Ltd

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### Features

- Support Intel® rPGA989 I3/I5/I7 CPU
- Support 2 x 204-pin DDR3 SO-DIMM slots, up to 16GB
- Support 1 x VGA, 2 x 24-bit LVDS, 1 x DVI-D, 1 x HDMI, 1 x display port
- Support 1 x 10/100/1000Mbps Ethernet interface
- Support 12 x USB2.0, 2 x COM, 4 x SATA, 1 x 8-bit DIO, 1 x PCI-E x4, 1 x Mini-PCI-E

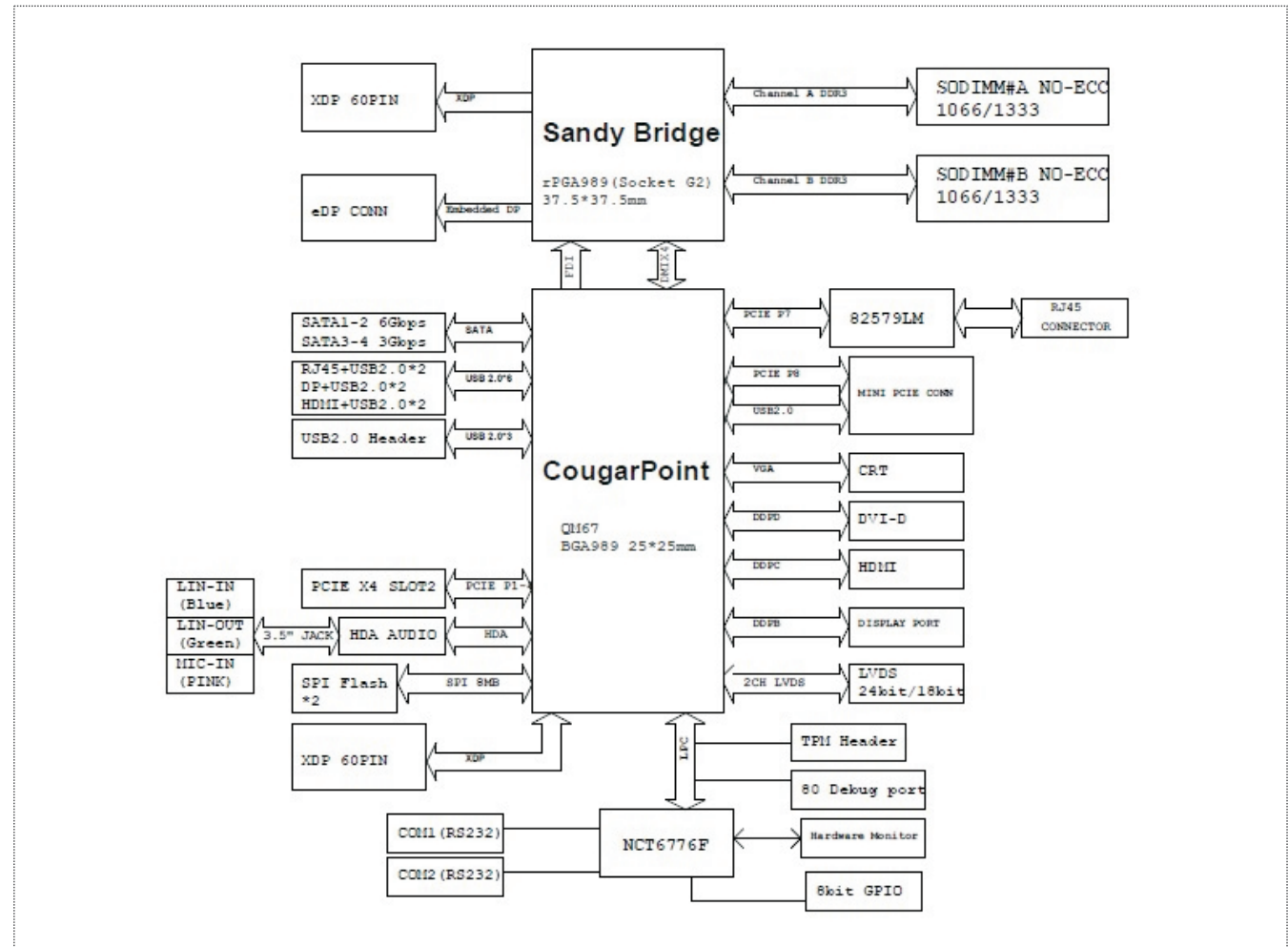


### Specifications

System	
Processor	Supports the Sandy bridge Mobile SV NON-ECC CPU of Intel® rPGA989 package. Such as Intel® Core™ i7, Intel® Core™ i5, Intel® Core™ i3 and Intel® Celeron® Processor
Chipset	Mobile Intel® QM67 Express Chipset
Memory	Support 2 x 204-pin DDR3 1066/1333/1600MHz SO-DIMM slots, up to 16GB
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Expansion Interface	1 x PCI-E x4, 1 x Mini-PCI-E
Storage	
IDE	N/A
Serial ATA	4 x SATA, SATA1/2 support 3rd generation standard (6.0Gpbs), support RAID0/1/5/10
Floppy	N/A
CF	N/A
I/O Interface	
USB	12 x USB2.0
Serial Port	2 x RS232
Parallel Port	N/A
IrDA	N/A
Digit IO	4 x Digital Input, 4 x Digital Output
Audio	Adopt ALC887 audio chip, support HD Audio, available interface of Mic-in, Line-in and Line-out

Display	
Chipset	Intel® sandy bridge CPU internally Integrated Graphics controller, support Direct X10.1
Memory	N/A
Resolution	VGA mode: up to 2048 × 1536@75Hz DVI/HDMI mode: up to 1920 × 1200@60Hz Display port mode: up to 2560 × 1200@60Hz
Dual Display	VGA + LVDS, VGA + Display port, VGA + HDMI, VGA + DVI (synchronous output)
Ethernet	
Chipset	1 x Intel 82579LM
Speed	1 x 10/100/1000Mbps
Connector	1 x RJ45 (support wake-on-LAN, LAN PXE booting and AMT7.0 function)
Mechanical and Environmental	
Dimensions	203.2mm(L) x 153.8mm(W) x 44.2mm(H)
Operating Temperature	0°C~60°C
Storage Temperature	-40°C~80°C
Operating Humidity	5%-95%, non-condensing
Power	
Power Supply	Single +12V power supply, support AMT7.0 and ACPI function
Power Consumption	N/A
Operating System	
Windows OS	Windows 7/Windows XP
Embedded OS	Linux

### Board Diagram



### Optional Accessories

Part Number	Name	Description	Qty.
2192-013811	Driver DVD/Protective film/RoHS	EC5-1817LNAR/Ver.B00	1
2360-026941	SATA cable/ROHS	SATA-7 +15Pin to SATA 7 + 4pin connector, length: 200mm	4
2360-008351	Series port cable/ROHS	DB9 male connector to 2x5 Pin (2.54mm pitch), length: 300mm	2
2360-002571	Dual USB ports with bracket/RoHS	Two USB ports to one 2 x 5 Pin connector, Length: 300mm	1

### Ordering Information

Part Number	Model Number	Description
0030-017771	EC5-1817LNAR	Motherboard/ROHS