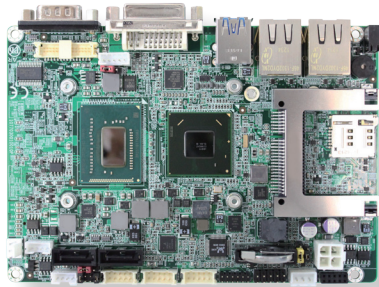




EasyBoard-882E

Wide-Range Temperature 3.5" Intel® Ivy Bridge i7-3517UE Compact Board



Features

- Soldered onboard Intel® Core™ i7-3517UE processor @ 1.7 GHz
- Dual Gigabit Ethernet ports
- Dual-channel 24-bit LVDS and DVI-I
- Support dual independent displays
- Support RS-485 auto-flow control
- Integrated micro SIM socket to support mobile networking
- Support Intel AMT (iAMT)
- **Extended operating temp.: -40 ~ 85°C**

System

CPU	Soldered onboard Intel® Core™ i7-3517UE 1.7 GHz processor
Memory	1 x 204-pin SO-DIMM socket, supporting up to 4GB 1333/1600MT/s DDR3 SDRAM
Chipset	Intel® PCH QM77
BIOS	AMI PnP Flash BIOS
Watchdog Timer	1~255 levels reset

I/O

Super IO Chipset	Fintek F71869ED
Serial Port	2 x COM ports: COM1: RS-232, COM2: RS-232/422/485 selectable
USB Port	4 x USB 2.0 ports 2 x USB 3.0 ports
Expansion Bus	1 x Mini-card socket 1 x micro SIM socket
Storage	2 x Serial ATA ports with 600MB/s HDD transfer rate 1 x CFast socket
Ethernet Chipset	1 x Intel® 82579LM PCIe GbE PHY and iAMT support 1 x Intel® 82583V PCIe GbE controller
Audio Interface	Realtek ALC662 HD Audio CODEC, MIC-in/ Line-out/ Line-in

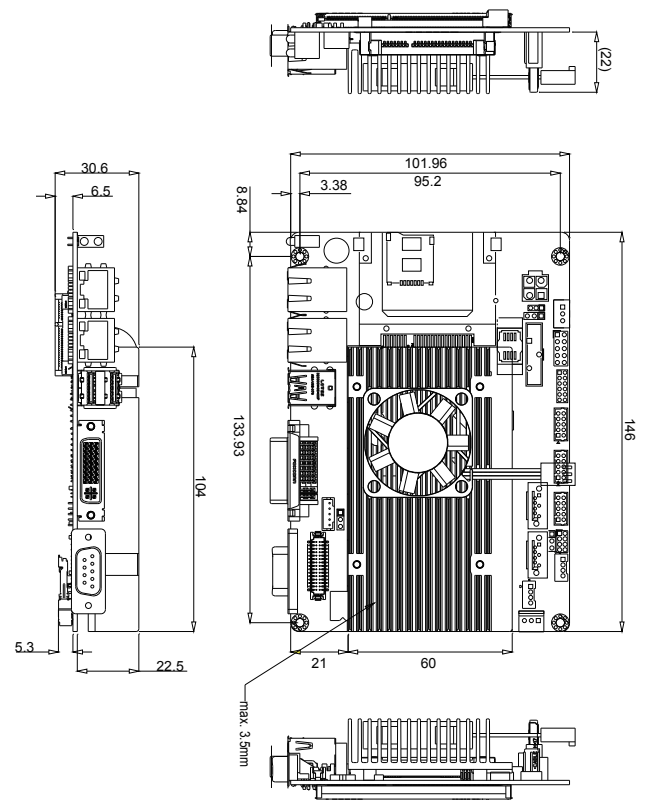
Display

Graphics Chipset	Integrated Intel® HD Graphics 4000
Graphics Interface	DVI-I: Analog RGB support up to 2048 x 1536 @ 60Hz or TMDS support up to 1920 x 1200 via Chronitel CH7318 LCD: Dual-channel 24-bit LVDS Dual independent displays support

Mechanical & Environmental

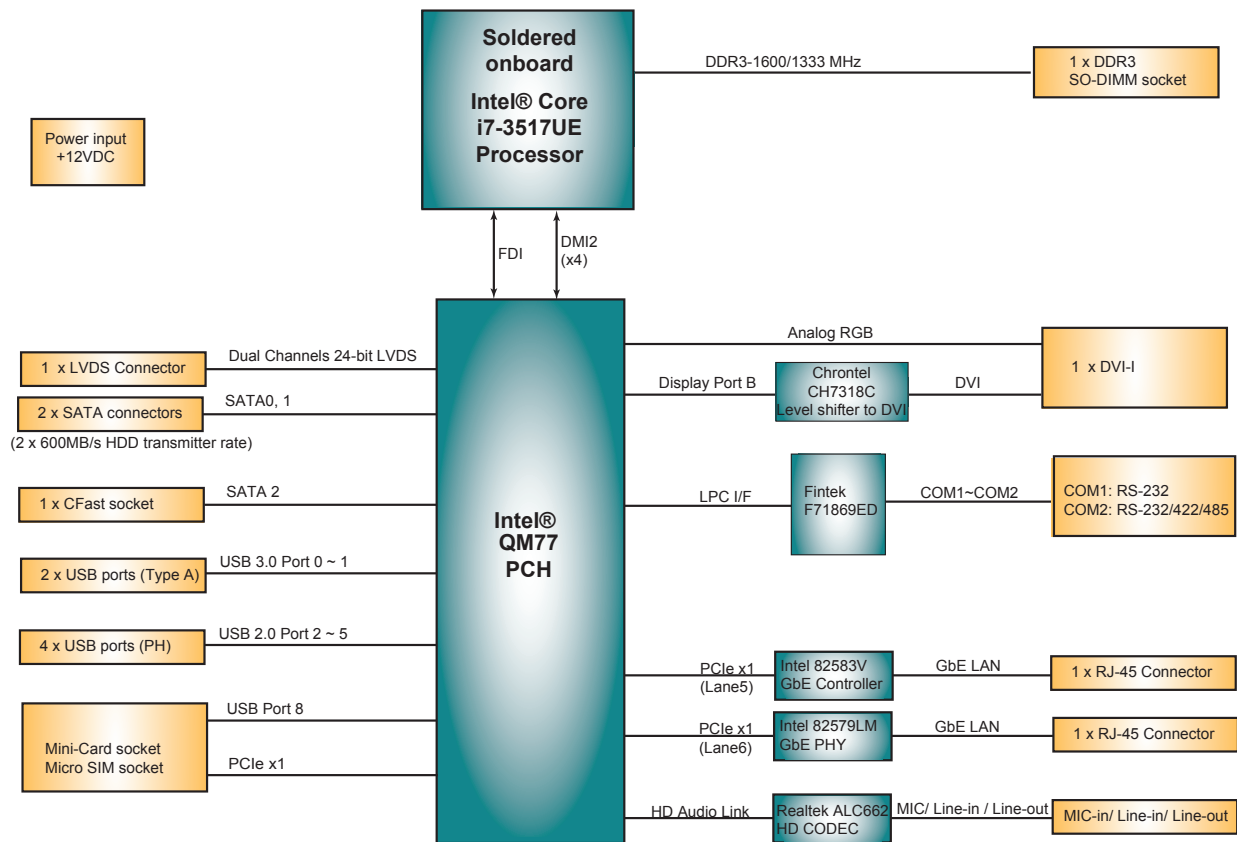
Power Requirement	+12V DC
Power Consumption	3A@+12V (Typical)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10%~95% @ 85°C (non-condensing)
Dimension (L x W)	146 x 102 mm (5.7" x 4.0")

Dimensions



Unit: mm

Block Diagram



Ordering Information

EasyBoard-882E

3.5" Intel® Core™ i7-3517UE Compact Board

Optional Accessories

CBK-06-77M3-00

Cable kit
 1 x SATA cable
 1 x SATA power cable
 2 x USB dual port cables
 1 x Audio cable
 1 x COM port cable