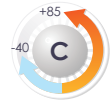
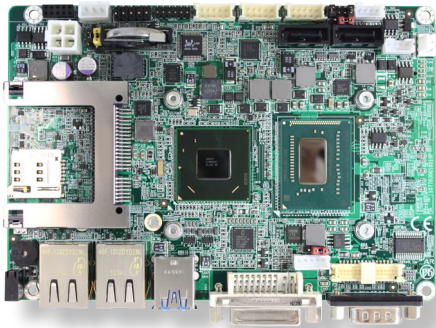


# EasyBoard-882E



## Wide-Range Temperature 3<sup>rd</sup> Generation Intel® Core™ i7-3517UE 3.5" Compact Board



### Features

- Soldered onboard 3<sup>rd</sup> Generation Intel® Core™ i7-3517UE
- Dual Gigabit Ethernet ports
- Dual Channel 24-bit LVDS and DVI-I
- Dual independent displays supported
- RS-485 Auto-flow Control supported
- Integrate SIM Socket for mobile telecommunication
- Intel® iAMT supported
- **Wide-Range operating temp.: -40 ~ 85°C**

### System

Processor	Soldered onboard 3 <sup>rd</sup> Generation Intel® Core™ processor i7-3517UE 1.7GHz
Chipset	Intel® PCH QM77
Memory	1 x DDR3 SO-DIMM socket, supporting up to 8GB 1066MT/s SDRAM
BIOS	AMI BIOS
Watchdog Timer	1~255 levels reset

### I/O

Super IO Chipset	Fintek F71869ED
Serial Port	1 x RS-232 1 x RS-232/422/485 selectable
Keyboard & Mouse	USB interface Keyboard/ Mouse
USB 2.0	4 x USB 2.0 ports
USB 3.0/2.0	2 x USB 3.0/2.0 ports
Expansion	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 (iAMT supported) 1 x Intel® 82583V PCIe GbE controller
Audio Interface	Realtek® ALC662 5.1 Channel HD Audio CODEC, Mic-in/ Line-in/ Line-out

### Display

Graphic Chipset	Integrated Intel® HD Graphics 4000
Graphic Interface	DVI-I: Analog RGB with resolution up to 2048x1536 or TMDS with resolution up to 1920x1200 LVDS: Dual Channels 24-bit LVDS

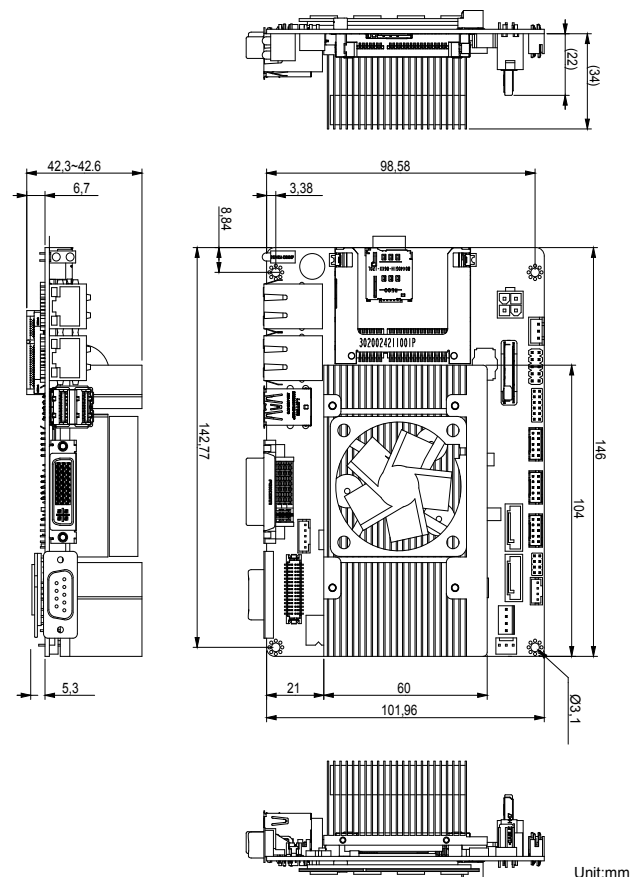
### OS Support

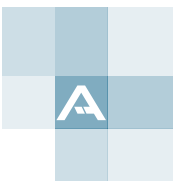
Windows XP 32/64-bit  
Windows 7 32/64-bit  
Linux: Ubuntu

### Mechanical & Environmental

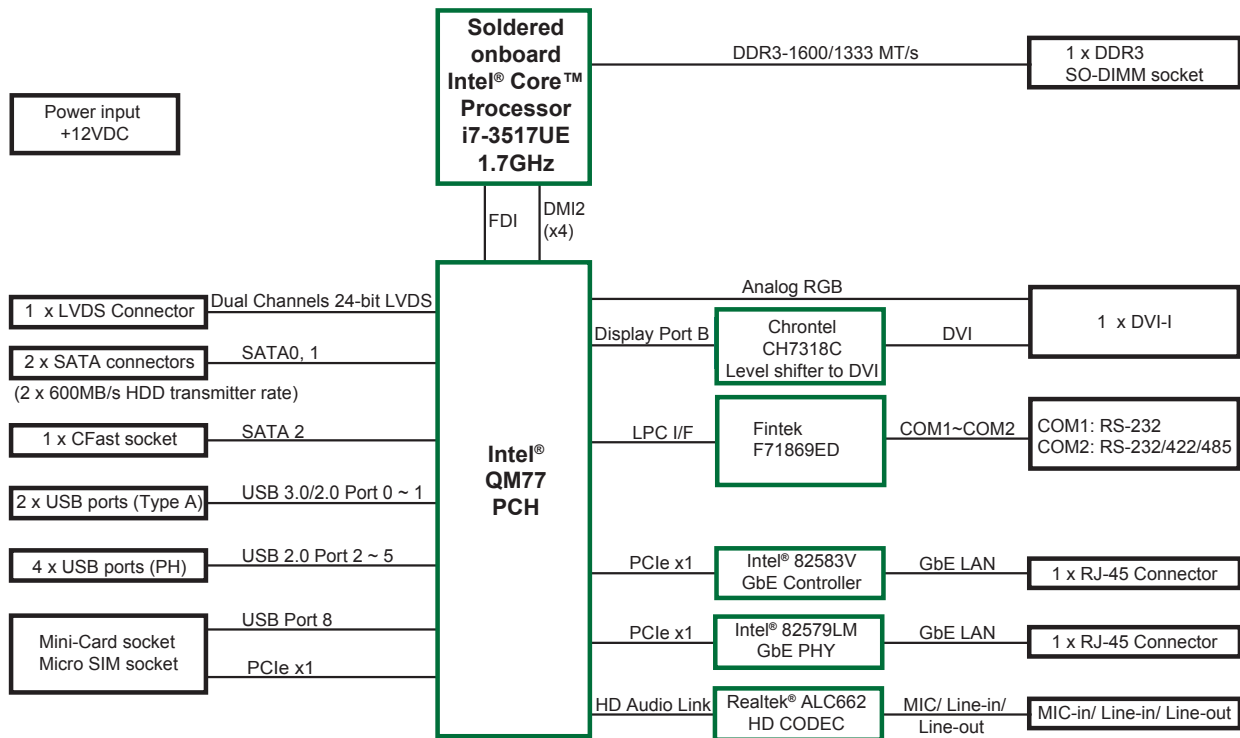
Power Input	DC 12V
Power Consumption	3A@+12V (Typical)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10%~95% @ 85°C (non-condensing)
Dimension (L x W)	146 x 102 mm (5.7" x 4.0")

### Dimensions





## Block Diagram



## Ordering Information

EasyBoard-882E-3517UE (BTO) 3<sup>rd</sup> Generation Intel® Core™ i7-3517UE/ QM77 WT 3.5" 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 Serial port cable
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