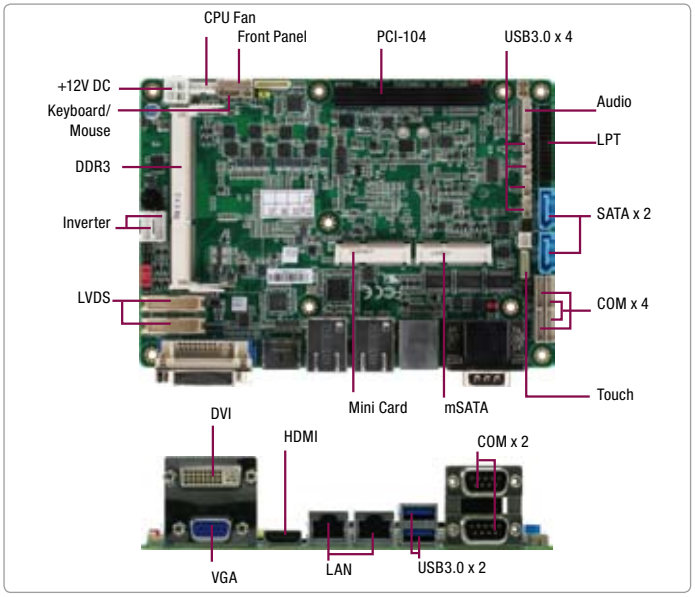
EPIC-QM77

EPIC Board with Onboard Intel® Core™ i7-3555LE/Celeron® 847E Processor



Specifications

System	
Form Factor	EPIC
Processor	Intel® 3rd Core i series CPU up 2.5GHz
System Memory	204-pin SODIMM DDR3 1333/1600MHz up to 8GB
Chipset	Intel® 3rd Core i series + QM77/HM76
I/O Chipset	Fintek 81866D
Ethernet	Intel® 82579LM x 1/Intel® 82583V x 1 10/100/1000Base LANs, RJ-45 x 2
BIOS	UEFI
Wake On LAN	Yes
Watchdog Timer	Programmable 255 level System Reset
H/W Status Monitoring	Supports Power Supply Voltage, FAN Speed and Temperature Monitoring
Expansion Interface	Mini Card, 16-bit DIO, PCI-104, TPM (Optional)
Battery	Lithium battery
Power Requirement	+12V,AT/ATX (default)
Power Consumption (Typical)	—
Board Size	4.5" x 6.5"(115mm x 165mm)
Gross Weight	1.2 lb (0.5 Kg)
Operation Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	Supports CRT/LCD/HDMI/DVI simultaneous/Dual view displays
Chipset	Intel® QM77/HM76 integrated
Resolution	Up to 2048 x 1536 for CRT, Up to 1920 x 1200 for HDMI/ DVI Up to 1920 x 1080 for LCD
LCD Interface	Up to 24-bit Dual channel LVDS x 2
I/O	
Storage	SATA x 2, mSATA x 1
Serial Port	RS-232 x 5, RS-232/422/485 x 1 (COM2)
Parallel Port	SPP/EPP/ECP x 1
USB	USB 3.0 x 2, USB 2.0 x 6
PS/2 Port	Keyboard x 1, Mouse x 1
DIO	Digital I/O Support 16-bit(Programmable) Co-lay with LPT
Audio	Line-in/Line-out/Mic-in
Touch Screen	Supports 4/5-wire resistive touch screen (optional)

Features

- **Onboard Intel® Core™ i7-3555LE/Celeron® 847E Processor**
- **Intel® 3rd Core™ i Series + QM77/HM76**
- **204-pin SODIMM DDR3 1333/1600MHz up to 8GB**
- **Intel® 82579LM x 1/ Intel® 82583V x 1 10/100/1000Base-TX LANs, RJ-45 x 2**
- **18/24-bit Single/Dual Channel LVDS, CRT, DVI-I, HDMI**
- **2CH HD Audio**
- **SATA 6.0Gb/s x 2, mSATA (Half-Size) Slot x 1**
- **USB 3.0 x 2, USB2.0 x 6, COM x 6**
- **Expansion: Mini Card x 1, 16-bit Digital I/O Co-lay with LPT, PCI-104, TPM (Optional), Touch (Optional)**
- **+12V, AT/ATX**
- **CPU and PCH On Solder Side For Easy System Integration**
- **Supports Triple Simultaneous Display**
- **Supports iAMT8.0 and RAID 0,1 For QM77 Chipset**
- **Supports AAEON Hi-Safe/Hi-Manager SDK & Utility**

Packing List

- **9681945700**
  Cable Kit
- **1709070500**
  SATA Cable
- **1702150155**
  SATA Power Cable
- **9657666600**
  Jumper Cap
- **Product DVD**
- **EPIC-CV07 with Heat spreader**

EPIC-QM77

Dimension

Unit: mm

Launching in Q2

Ordering Information

Part Number	CPU	Fan/Fanless	Display Combination	Storage	LVDS	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp
TBD	i7-3555LE	Fanless	CRT + DVI, LVDS x 2, HDMI	SATA x 2 mSATA x 1	24-bit, 2CH	2	USB3.0 x 2, USB2.0 x 6	5	1	PCI-104 x 1 Mini Card x 1, the 2nd Mini Card (Optional)	+12V, AT/ATX	0°C ~ 60°C
TBD	i5-3517UE	Fanless	CRT + DVI, LVDS x 2, HDMI	SATA x 2 mSATA x 1	24-bit, 2CH	2	USB3.0 x 2, USB2.0 x 6	5	1	PCI-104 x 1 Mini Card x 1, the 2nd Mini Card (Optional)	+12V, AT/ATX	0°C ~ 60°C

Optional Accessories

- **TBD**