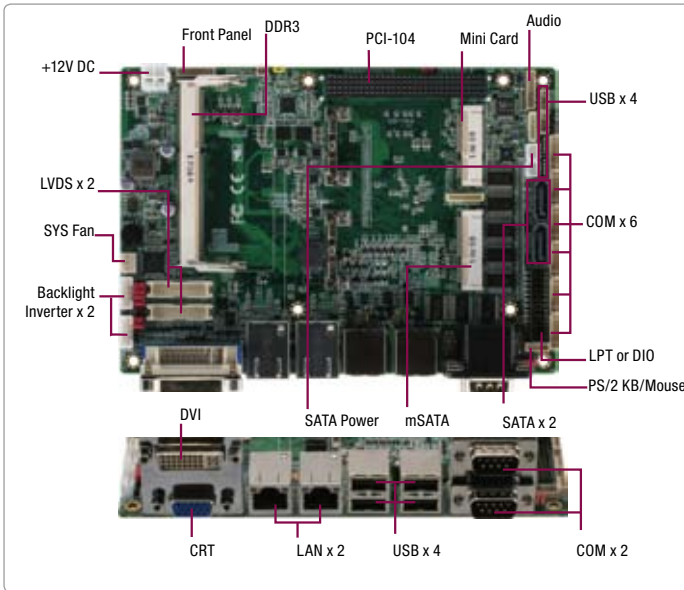


EPIC-CV07

EPIC Board With Onboard Intel® Atom™ D2550/N2600 Processor



Features

- Onboard Intel® Atom™ D2550/N2600 Dual Processor
- Intel® Atom™ D2550/N2600 + NM10
- 204-pin SoDIMM DDR3 800/1066MHz up to 4GB
- One Realtek 8111E for 10/1000/1000Base-TX
- 18/24-bit Single/Dual Channel LVDS, CRT, DVI (Optional)
- 2CH HD Audio
- SATA 3.0Gb/s x 1, mSATA (Half-Size) Slot x 1
- USB 2.0 x 7, COM x 8, 16-bit Digital I/O
- Expansion: Mini Card x 1
- +12V
- CPU and PCH On Solder Side and Easy To Install System

Specifications



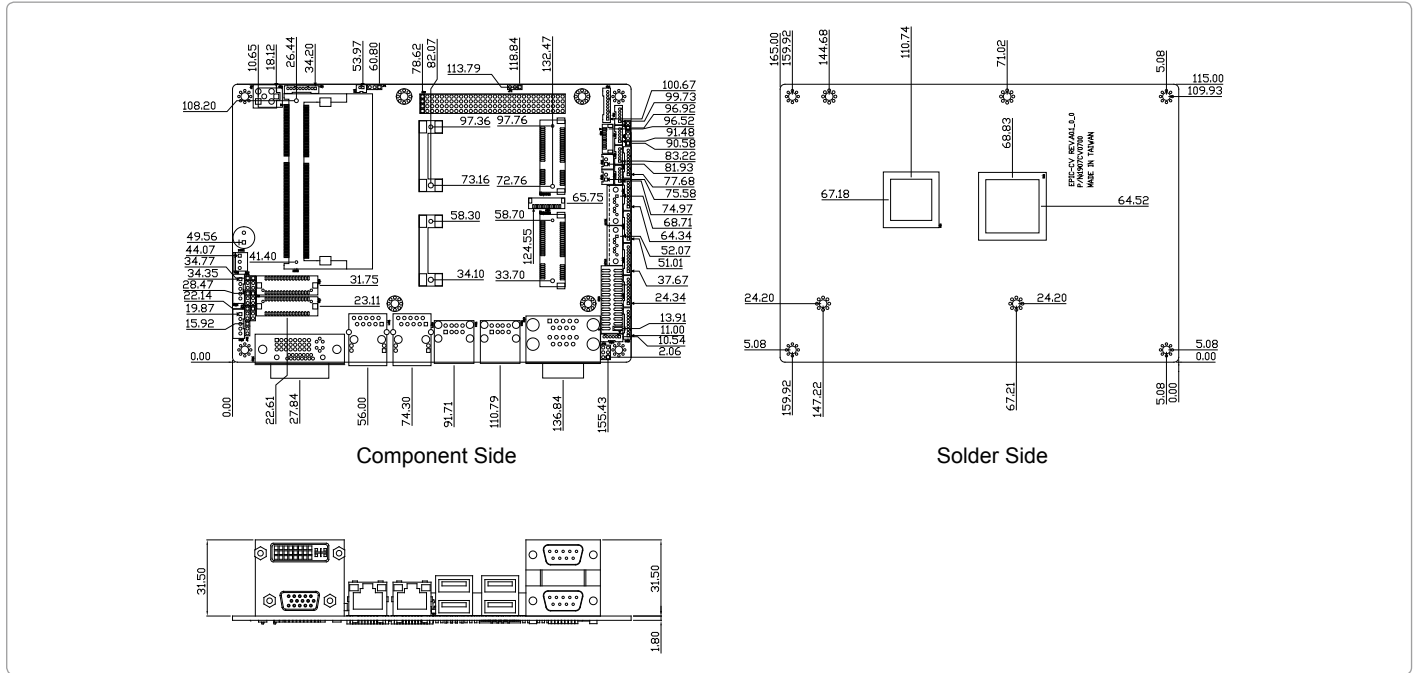
System	
Form Factor	EPIC
Processor	Intel® Atom™ D2550/N2600 up to 1.86GHz
System Memory	204-pin SoDIMM DDR3 800/1066MHz up to 4GB x 1
Chipset	Intel® Atom™ D2550/N2600 + NM10
I/O Chipset	Fintek 81866D
Ethernet	Realtek 8111E for 10/1000/1000Base-TX, RJ-45 x 2
BIOS	UEFI
Wake On LAN	Yes
Watchdog Timer	Programmable 255 level System Reset
H/W Status Monitoring	Supports Power Supply Voltage, FAN Speed and Temperature Monitoring
Expansion Interface	Mini Card, 16-bit DIO, mSATA, PCI-104
Battery	Lithium battery
Power Requirement	+12V, AT/ATX (default)
Power Consumption (Typical)	15.6W @Intel® Atom™ D2550 1.86G 1066MHz, 4GB, DC12V
Board Size	4.5" x 6.5" (115mm x 165mm)
Gross Weight	1.2 lb (0.5 Kg)
Operating Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	
Supports CRT/LCD/DVI simultaneous/Dual view displays	
Chipset	Intel® Atom™ D2550/ N2600 integrated
Resolution	Up to 1920 x 1200 for CRT, DVI (Optional) Up to 1366 x 768 for LCD
LCD Interface	Dual LVDS LCDs: 24-bit Single Channel LVDS LCD + 18/24-bit Dual-channel LVDS LCD for Intel® Atom™ D2550, 18-bit Single Channel LVDS LCD for Intel® Atom™ N2600
I/O	
Storage	SATA x 1, mSATA x 1
Serial Port	RS-232 x 7, RS-232/422/485 x 1 (COM2)
Parallel Port	SPP/EPP/ECP x 1
USB	USB 2.0 x 7
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

Packing List

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

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Fan/Fanless	Display	LVDS	Storage	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp
EPIC-CV07-A10	D2550	Fanless	CRT + LVDS	SATA x 1	24b, 2CH	GbE x 2	7	7	1	Mini Card x 1, PCI-104 x 1, mSATA x 1	DC12V	0°C - 60°C
EPIC-CV07-A10-01	N2600	Fanless	CRT + LVDS	SATA x 1	18b, 1CH	GbE x 2	8	5	1	Mini Card x 1, mSATA x 1	DC12V	0°C - 60°C

Optional Accessories

- M10CV07000**
 (TF) Metal. Al. Heatspreader. 176x100x21mm. Rev. 0.0 for EPIC-CV07
- 1701260200**
 (TF) Flat Cable, 25P D-SUB FEMALE, 26P 2.00mm Pitch Housing, 20cm
- 1700060155**
 (TF) KB & PS/2 Mouse CABLE, 1 x 6P Pitch=1.25mm Housing, 15cm, for PFM-945C
- 1701010150**
 (TF) FLAT CABLE, 1 x 10P Pitch=1.25mm Housing, 15cm, for PFM-945C
- 1700050207**
 (TF) USB CABLE, 1 x 5P Pitch=1.25mm Housing, 20cm, for PFM-945C
- 1701090150**
 (TF) Flat Cable, D-Sub 9(M), 9P Housing, 9P 1.25mm pitch Housing, 15cm
- 1702150155**
 (TF) Power Cable, 15P SATA(F), 2P 2.0mm Housing (PH), 15cm
- 1709100254**
 (TF) Audio CABLE, 1 x 14P Pitch=1.25mm Housing, 51cm, for PFM-945C