

Features

- Onboard Intel® Atom™ D2700/N2800/N2600 Processor
- Intel® NM10
- SODIMM DDR3 1066, Max 4 GB (D2700/N2800), Max. 2GB (N2600)
- Gigabit Ethernet x 2
- Up to 24-bit Dual-channel LVDS LCD, CRT, DVI
- 2CH HD Audio
- SATA 3.0Gb/s x 2, mSATA Slot x 1
- USB 2.0 x 8, COM x 8, 8-bit Digital I/O
- Mini Card x 1, PCI-104 x 1
- +12V
- CPU and PCH on the Solder Side and Easy to Install System

Specifications

System	
Form Factor	EPIC
Processor	Onboard Intel® Atom™ D2700/N2800/N2600 up to 2.13G
System Memory	204-pin SODIMM DDR3 800/1066 Memory, Max 4GB (D2700/N2800), Max. 2GB (N2600)
Chipset	Intel® NM10
I/O Chipset	Fintek 81866D
Ethernet	Realtek 8111E, Gigabit Ethernet, RJ-45 x 2
BIOS	UEFI
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Support Power Supply Voltage, FAN Speed and Temperature Monitoring
Expansion Interface	PCI-104 x 1, Mini Card x 2 (One support mSATA) 8-pin DIO 4 in/4out co-lay with LPT connector control by software
Battery	Lithium battery
Power Requirement	+12V
Power Consumption (Typical)	—
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) / WITAS1 (-20°C ~ 70°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	10%~80% relative humidity, non-condensing
MTBF (Hours)	—
Display	
	Supports CRT/LCD/DVI simultaneous/Dual view displays
Chipset	Intel® Atom™ D2700/N2800/N2600 CPU integrated
Memory	Shared system memory up to 256MB
Resolutions	Up to 1920 x 1200 @color for CRT Up to 1920 x 1200 for DVI Up to 1366 x 768 for LVDS
LCD Interface	24-bit single channel LVDS x 1 24-bit dual-channel LVDS x 1
I/O	
Storage	SATA 3.0Gb/s x 2, mSATA x 1
Serial Port	RS-232 x 7, RS-232/422/485 x 1 (COM 2)
Parallel Port	SPP/EPP/ECP x 1
Universal Serial Bus	USB 2.0 x 8
PS/2 Port	Keyboard x 1, Mouse x 1
Digital I/O	Support 8-bit (Programmable)
Audio	Line-in/Line-out/Mic-in
Touch Screen	Supports 4/5/8-wire resistive touch screen (optional)



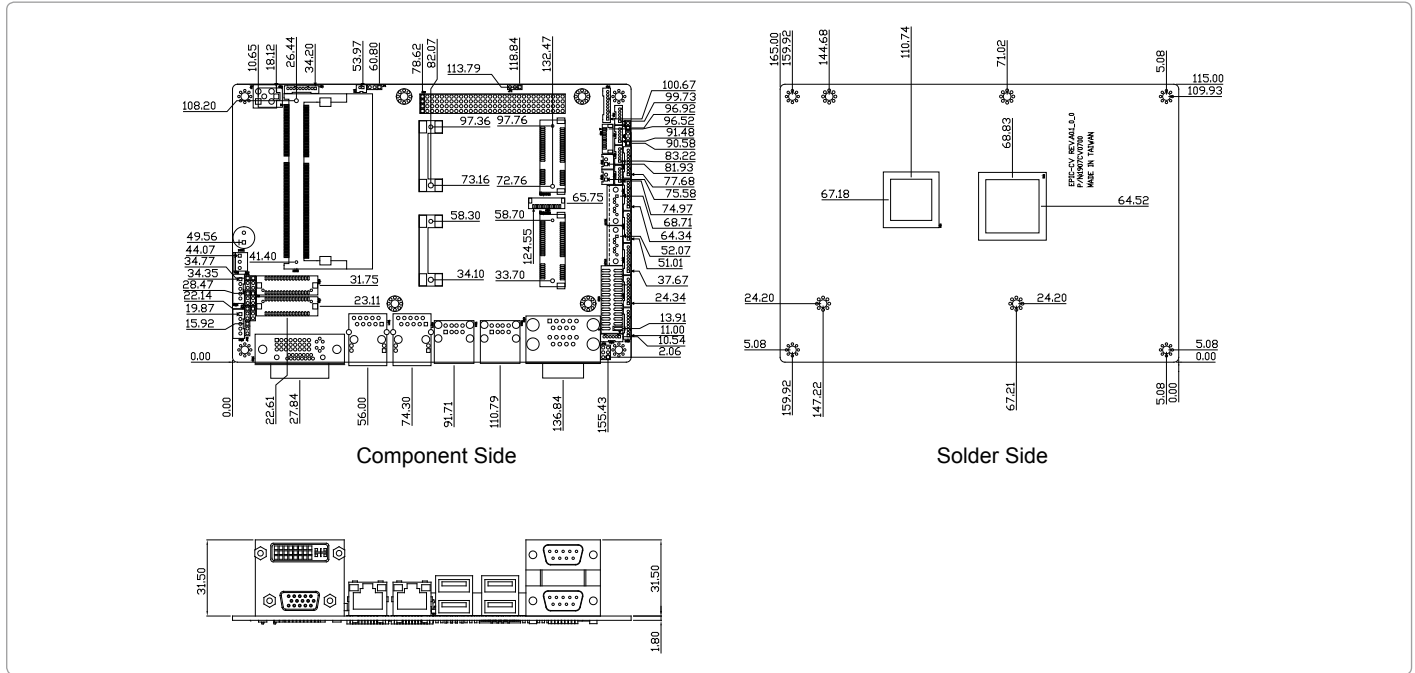
Packing List

- Heat Spreader
- Product CD
- EPIC-CV07

EPIC-CV07

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
TF-EPIC-CV07-A10	Intel® Atom™ D2700	Fanless	CRT + LVDS DVI + LVDS	24b, 2CH	SATA x 2	GbE x 2	8	7	1	PCI-104 x 1 Mini Card x 1 mSATA x 1	DC12V	0°C ~ 60°C
TF-EPIC-CV07W1-A10-01	Intel® Atom™ N2800	Fanless	CRT + LVDS DVI + LVDS	18b, 1CH	SATA x 2	GbE x 2	8	4	1	PCI-104 x 1 Mini Card x 1 mSATA x 1	DC12V	WITAS1 (-20°C ~ 70°C)
TF-EPIC-CV07W1-A10-02	Intel® Atom™ N2600	Fanless	CRT + LVDS DVI + LVDS	18b, 1CH	SATA x 2	GbE x 2	8	4	1	mSATA x 1	DC12V	WITAS1 (-20°C ~ 70°C)

Optional Accessories

- TBD