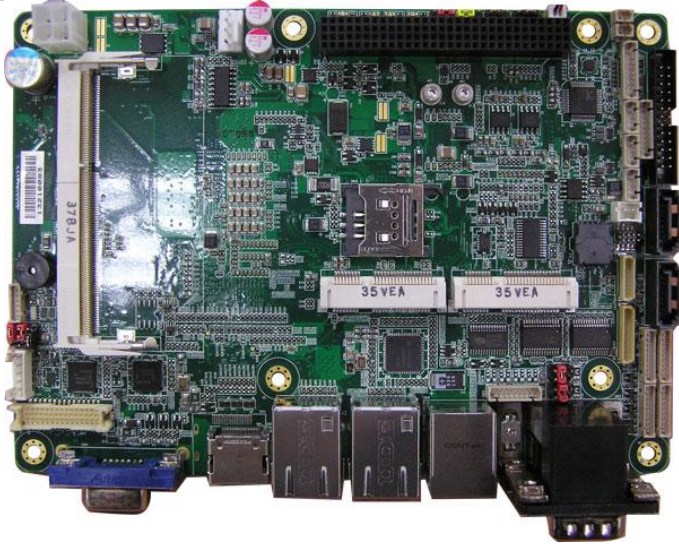


EPIC-HW07

Preliminary

EPIC Board With Onboard 4rd Core i Series SOC ULT BGA Processor



Features

- Onboard Intel 4rd Core i Series SOC i7/i5/i3 BGA processor
- Intel 4rd Core i Series SOC process
- 204-pin SoDIMM DDR3 1600MHz up to 8GB
- Intel i217PHY x 1/Intel i211 x 1 10/100/1000Base LANs, RJ-45 X2
- 18/24-bit Single/Dual Channel LVDS,CRT,DVI, HDMI
- 2CH HD Audio
- SATA 3.0Gb/s x 2, mSATA(Half-Size) Slot x 1
- USB 3.0 x 2, USB2.0 x 6, COM x 6, 16-bit Digital I/O Co-lay with LPT
- Expansion : Mini Card x 1, 16-bit Digital I/O Co-lay with LPT,PCI-1-4,TPM(Optional),Touch
- +9~24V
- CPU and PCH On Solder Side and Easy To Install System
- Support triple Display

Specifications

System	
Form Factor	EPIC
Processor	Intel 4 rd Core i series SOC CPU up 2.5GHz
System Memory	204-pin SoDIMM DDR3 1600MHz up to 8GB
Chipset	Intel Haswell Mobile ULT Dual/Quad core SOC processor
I/O Chipset	Fintek 81866D
Ethernet	Intel i217PHY x 1/Intel i211 x 1 10/100/1000Base LANs, RJ-45 X2
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)	TBD
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)	TBD
Display Supports CRT/LCD/HDMI simultaneous/Dual view displays	
Chipset	ntel 4 rd Core i series SOC CPU up 2.5GHz

Resolution	Up to 2048 x 1536 for CRT, Up to 1920 x 1200 for HDMI Up to 1920 x 1080 for LCD
LCD Interface	Up to 24-bit Dual channel LVDS x 1
I/O	
Storage	SATA x 2, mSATA x 1
Serial Port	RS-232 x 5, RS-232/422/485 x 2(COM1/2)
Parallel Port	SPP/EPP/ECP x 1
Universal Serial Bus	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