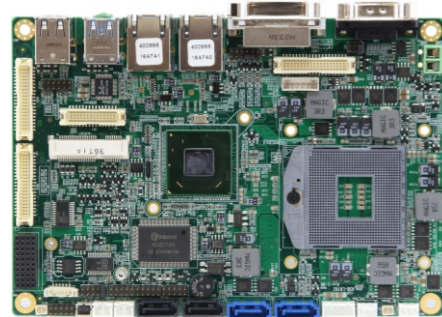


EPI-1981

2nd/3rd Intel Core i7/i5/i3 Processor , 2xUSB3.0,2xLAN,VGA/DVI-I/DP/LVDS, DC 12V

EPI-1981



Key Feature

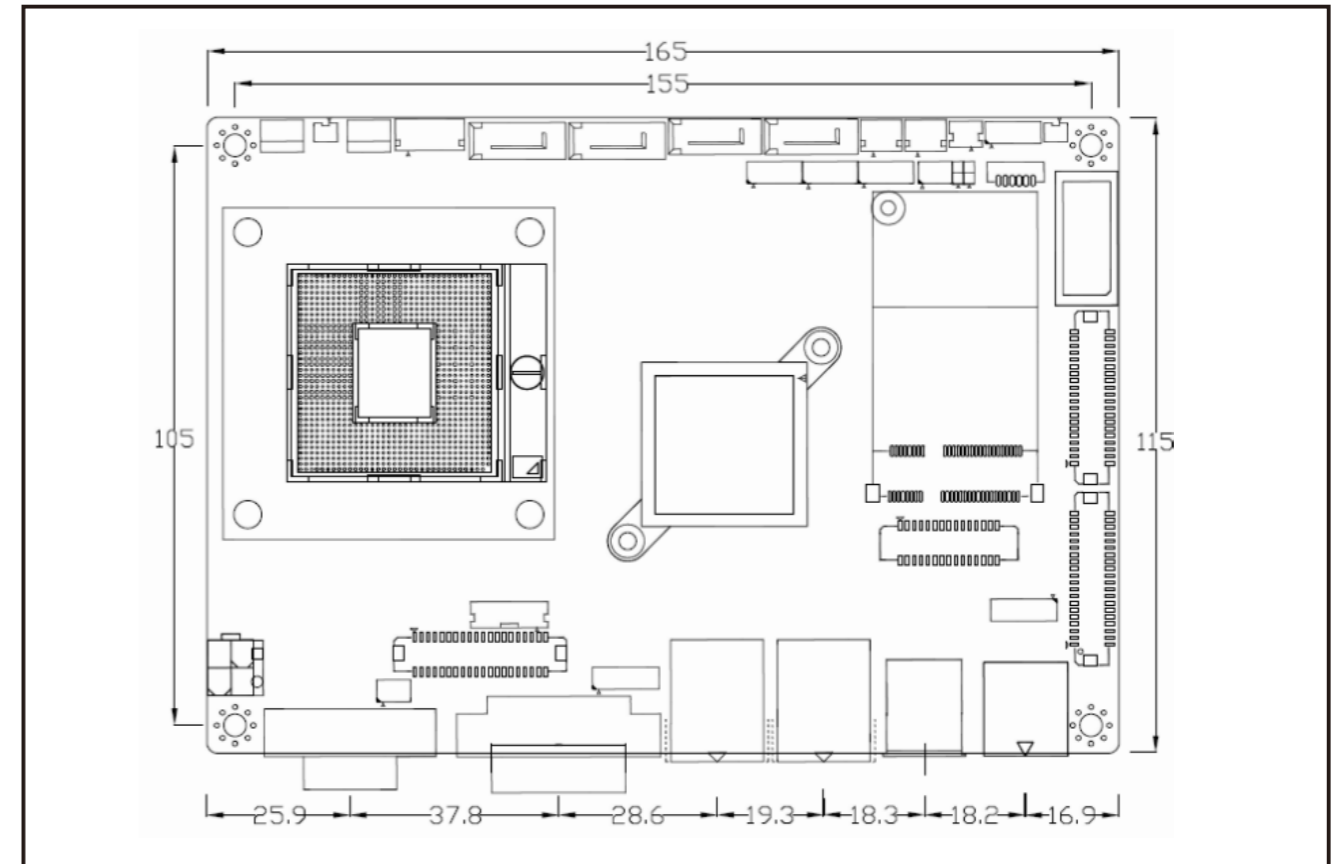
- 2nd/3rd Gen. Intel Core i7/i5/i3 CPU
- Intel HM77
- 1xDDR3 1333MHz SODIMM, max 8GB
- 2xHCTECH designed 40 Pin PCIe and 2Mini PCIe
- 2x Intel 82574L Gigabit Ethernet
- VGA, DVI-I, DP and LVDS
- 6xCOM,10xUSB, 8bit DIO, Audio
- 2xSATA2.0 /2xSATA3.0 , 1xmSATA
- DC 12V Power input

SPEC

System	CPU	Support Socket G2,3rd and 2nd Gen Intel Core i3/i5/i7 Processors
	Chipset	Intel HM77
	System Memory	1x204-pin DDR3 SODIMM , up to 8GB
	Expansion	2xMINI PCIe ,1xPCIe x1+USB signal, 1xmSATA; 2xPCIex1 extend by 4x10 Pin Socket
	Graphics	Intel HD Graphics 4000, DVI-I ,DP, VGA and 24 bit Dual channel LVDS
	Audio	Realtek ALC662 High Definition Audio
	LAN	2xIntel® 82574L PCIe Gigabit Ethernet, Integrated 10/100/1000M,IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
	Storage	2xSATA 2.0, 2xSATA3.0,Integrated AHCI controller; 1xmSATA
	I/O Ports	2x RJ45 LAN ports (Rear Panel) 1x DVI-I (Rear Panel) ,1xDP(DF13-30P),1xVGA and 1xLVDS(external) 2x USB 2.0 and 2xUSB 3.0 (Rear Panel) 6x USB 2.0 (external), 2xUSB for mini PCIe optional 1x RS232 (Rear Panel), 4x RS232(external), 1xRS422/485(external) 8 bit DIO(external) 1x front audio connector for line-out/line-in/mic-in (external)
	LED	1xPower LED, 1xHDD LED(external)
	Control SW	1xPower button, 1xReset button (Rear Panel)
	Power	1x12V DC-in connector Power Consumption: TDP 12V/3.60A (Intel i5-2430M 2.4GHz Processor with 4GB DDR3)
	WatchDog Timer	Watchdog timeout programmable via software from 1 to 255 seconds
	OS Support	Windows XP, Windows 7, Linux Fedora Ubuntu
Mechanical	Dimension	165mm x 115mm
Environmental	Operating temperature	-20°C ~ 70°C – SSD 0°C ~ 50°C – HDD
	Storage temperature	-40°C ~ 85°C (-40 °F~ 185°F)
	Storage humidity	10~90%@40°C, non-condensing
	Vibration	3 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis,during operation With SSD/mSATA
	Shock	30 Grms, IEC 60068-2-64, half sine, 11 ms duration,during operation With SSD/mSATA
EMC		CE /FCC Class A

Dimension

Unit : mm



Ordering Information

NO.	Introductions
EPI-1981/S001	Embedded Singal Board, Socket G2 Intel CPU,VGA/DVI-I/DP/LVDS, 2LAN/6COM/10USB/Audio/8DIO/2SATA3 /2SATA2, 2Mini PCIe, 2PCIe