

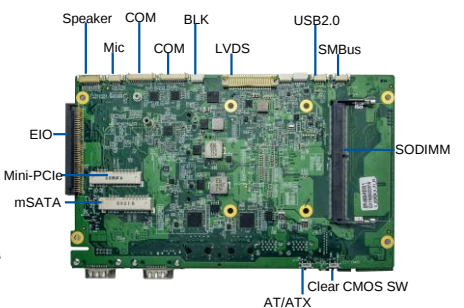
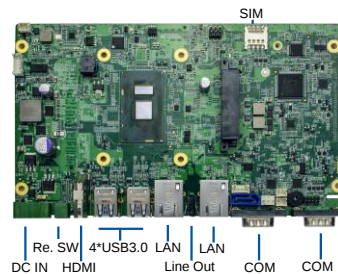
Embedded Single Board, OSBC Series

EPI-I908

Intel® Skylake/Kabylake-U CPU, 1-CH DDR4, HDMI, LVDS, 2*LAN, 4*COM, 4*USB3.0, Audio, DC 9~36V .



FCC



Key Features

- Intel® Skylake/Kabylake-U processor
- 1-Ch DDR4 SODIMM, Up to 16GB
- 1*HDMI, 1*LVDS, Audio, Speaker
- 2*GbE LAN, 4*USB3.0, 2*USB2.0
- 4*COM, 1*JHCTECH EIO High-Speed Connector
- 1*Mini PCIe, 1*SIM, support GPS/WiFi/LTE/GSM
- 2*SATA3.0(6Gbps), 1*mSATA
- Support TPM2.0 & iVpro
- DC 9~36V, wide power input

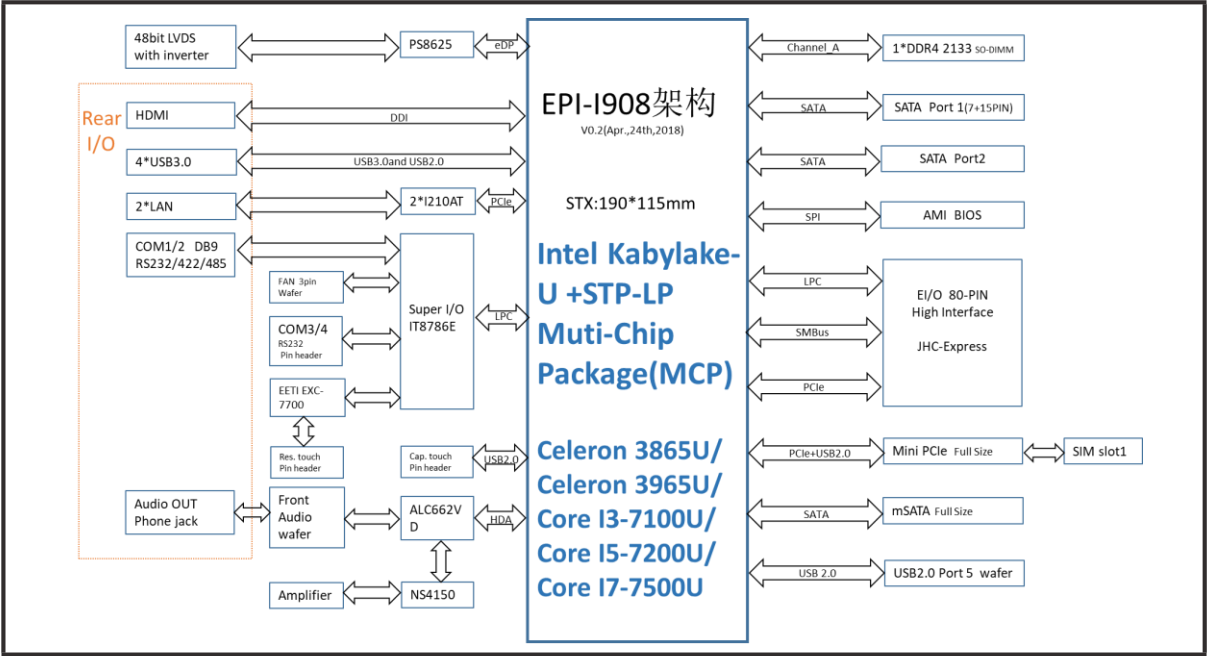
SPEC.

system	CPU		Celeron 3855U	Celeron 3865U	I3-6100U	I3-7100U	I5-6200U	I5-7200U	I7-6500U	I7-7500U
		Cores	2	2	2	2	2	2	2	2
		Threads	2	2	4	4	4	4	4	4
		Frequency(GHz)	1.6	1.8	2.3	2.4	2.3	2.5	2.5	2.7
	System Memory	1-Ch DDR4,Support 2133MHz SODIMM MAX 16GB								
	Expansion	1*Mini PCIe(full size) with PCIe X1+ USB,with SIM slot,support 4G/LTE/GSM/Wifi/BT/GPS								
	Graphics	Intel® Gen.9 HD Graphics; HDMI & 48Bit LVDS,support 2displays,support Intel hd video and wireless display								
	Audio	Realtek ALC662VD controller, Support 5.1 channel								
	LAN	2*Intel I210AT PCIe Gig. Ethernet, 10/100/1000Mbps								
	Keyboard & Mouse	USB Keyboard and mouse								
	Storage	2*SATA3.0 port(6.0Gbps);1*mSATA(full size), support AHCI								
	EIO	JHCTECH Standard specification interface, with LPC、SM Bus、2*PCIeX1								
	Internal I/O	1*USB2.0 Wafer; 1*RS232/422/485 wafer; 1*48Bit LVDS; 1*80pin EIO; 1*FAN; 2*Amplifier out; 1*Capacitive touch screen wafer; 1*Resistance touch screen wafer; 1*SM Bus wafer								
	Rear I/O	2*RJ45 GbE LAN (with LED); 4*USB3.0 Type A; 2*RS232/422/485; 1*Audio out 3.5mm Phone jack; 1*HDMI								
	Switch	1*2-pin Remote SW; 1*AT/ATX SW; 1*Clear CMOS SW								
	LED	1*Power LED; 1*HDD LED; 3*CPU Temp.LED(Red is warning, Yellow is high, Green is normal)								
	Power Supply	DC 9~36V Input,3-pin,Comsuption: 12V@3.75A (I7-7500U, 4GB, 64GB SSD, 1TB HDD)								
	Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second								
	OS Support	Windows 7; Windows 10; Linux Fedora; Ubuntu (Note: Gen.7th Intel® Kabylake-U processors don't support Windows 7)								

*All specifications and photos are subject to change without notice.

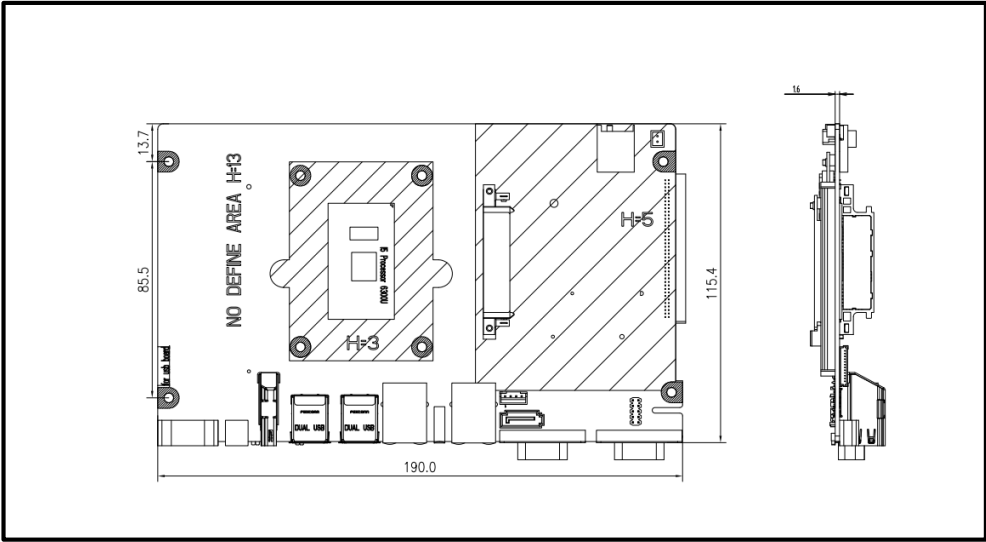
Mechanical & Environmental	Dimension	(W*H): 190*115mm
	Thickness	Front: 17.9mm, Rear:9.5mm, PCB:1.6mm
	Operating Temperature	0°C~60°C
	Storage Temperature	-40°C~85°C
	Storage Humidity	10~90%@40°C, Non-condensing
	Certification/EMC	CE & FCC CLASS B

Block Diagram



Dimension

Unit:mm



Ordering Info.

Model No.	Introduction
EPI-I908/S001	Embedded Single Board, Intel® I3-6100U/I3-7100U, 1*SODIMM DDR4, 2*LAN, 4*USB3.0, 2*USB2.0, 4*COM, 1*Mini PCIe, 1*EIO, 1*HDMI, 1*LVDS, Audio out, 1*mSATA, 2*SATA3, DC 9~36V.
EPI-I908/S002	Embedded Single Board, Intel® I5-6200U/I5-7200U, 1*SODIMM DDR4, 2*LAN, 4*USB3.0, 2*USB2.0, 4*COM, 1*Mini PCIe, 1*EIO, 1*HDMI, 1*LVDS, Audio out, 1*mSATA, 2*SATA3, DC 9~36V.
EPI-I908/S003	Embedded Single Board, Intel® I7-6500U/I7-7500U, 1*SODIMM DDR4, 2*LAN, 4*USB3.0, 2*USB2.0, 4*COM, 1*Mini PCIe, 1*EIO, 1*HDMI, 1*LVDS, Audio out, 1*mSATA, 2*SATA3, DC 9~36V.
EPI-I908/S004	Embedded Single Board, Intel® 3855U/3865U, 1*SODIMM DDR4, 2*LAN, 4*USB3.0, 2*USB2.0, 4*COM, 1*Mini PCIe, 1*EIO, 1*HDMI, 1*LVDS, Audio out, 1*mSATA, 1*SATA3, DC 9~36V.

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