

# TOP80C



- ◆ Integrated Intel Intel 4<sup>th</sup> Mobile Haswell-U single chipset CPU;
- ◆ Onboard 2GB/4GB DDR3L Memory;
- ◆ Provide 1\*VGA,1\*HDMI 1.4 (Support 4K display output);
- ◆ 1\*LVDS(dual channel 24bit) &EDP1.3, 4Lanes (Optional)
- ◆ Onboard dual-channel Amplifier, 3W/4Ωeach channel;
- ◆ Onboard optical digital audio output;
- ◆ Support touch screen (4wire 5wire 8wire);
- ◆ Support power on automatic boot function, jumper selection.;
- ◆ Single DC input 12V/5A power supply;
- ◆ Size 170 x 170 mm;

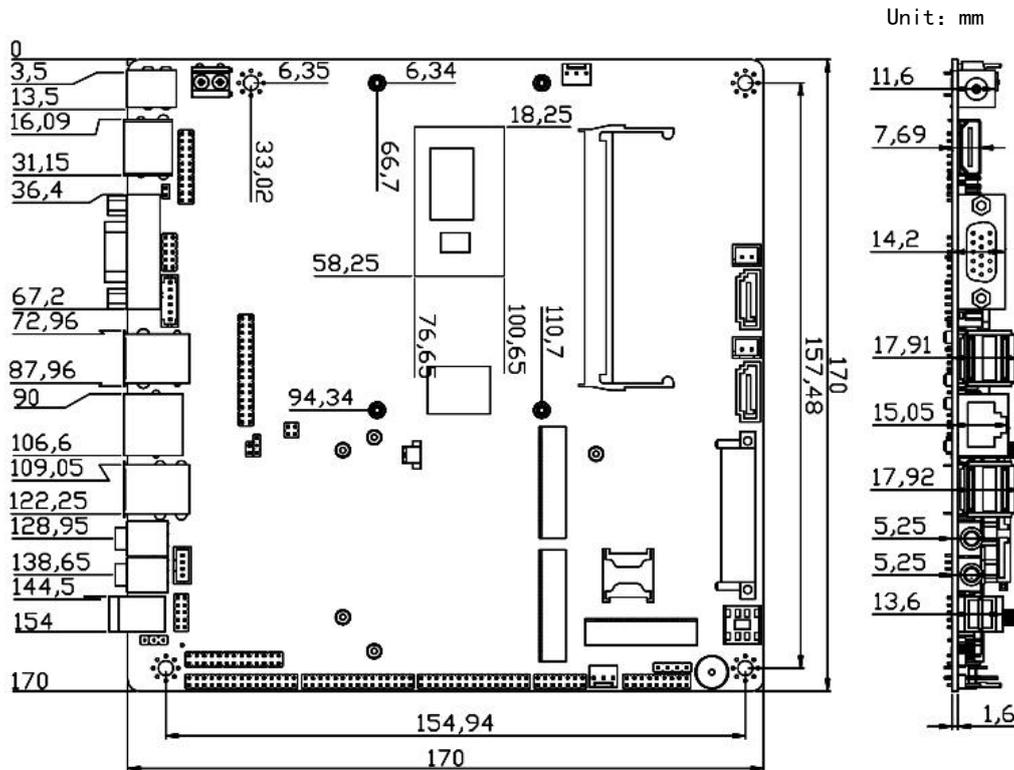
## Specifications

Processor	CPU	Intel® Core™ 4 <sup>th</sup> Mobile Haswell-U Soc i3/i5/i7 CPU
	CPU package	BGA
	Chipset	Intel Haswell-U series SOC
	BIOS	EFI BIOS
Memory	Technology architecture	Single Channel DDR3L 1066/1333/1600MHz
	Capacity	Onboard 2GB/4GB DDR3L
	RAM Slot	1x RAM slot ,max. 8GB RAM
Video	Graphics controller	Intel HD Graphics 4400(I3-4010U graphics card) The graphics card is related to the CPU
	Dual LVDS&EDP	Dual-channel 24bit LVDS to max. 1920 x 1200 resolutions, ED Psupport max. Resolutions 3200*2000 (Optional)
	VGA	VGA max support 2048*1536 resolution
	HDMI	HDMI (HDMI1.4) max.resolution :3200*2000@60HZ,Support 4K display
	Dual display	LVDS + VGA,LVDS+HDMI,HDMI+VGA Synchronous or asynchronous display
	Three Display	Support LVDS+VGA+HDMI Three-screen synchronous or asynchronous display
I/O Panel Port	Ports	1*VGA,1*HDMI,1*LAN,4*USB3.0/1*MIC-OUT/LINE-OUT,1*SPDIF
Network	CONTROLLER	1*RTL8111E-V Gigabit Ethernet Port,RJ45Port (can choose 2 Lan)
Audio	CONTROLLER	Realtek HD ALC662 audio decoding (left and right channel + microphone)
Super I/O	CONTROLLER	NCT6106D
Hardware controller	Watchdog timer	0-255 Seconds, providing a watchdog routine
	Cooler	Alluminum Alloy heat sink with Fan (Support automatic and manual fan speed adjustment)
Input/output Port	USB	2*USB3.0 compatible USB2.0 / 1.1 , 5*USB2.0,max. Support +5V/1A (When choose 2 Lan card,have 3*USB2.0)
	Serial port	4*RS-232, 2*RS422/485,RS485 Support automatic flow control(can choose 6*RS232)
	PS/2	1*PS/2 pin headrer
	Touch Panel	Support touch screen (4wire 5wire 8wire Mini-PCIE2 can use USB singale device, touch screen can't use)
Expansion Bus	GPIO	8bit,sample code, Free defination input or output ,3.3V@24mA
	Mini-PCle	2*Mini-PCle slot,Support PCle and USB device(Touch screen can use,Mini-PCIE2 only can use PCIE singal device)
Storage	SATA	2*SATA3.0 , 6GB/s maximum speed
	Onboard SSD&SATA HDD1	Onboard SSD or SATA HDD1(Optional)
	M-SATA	1*Mini-PCle M-SATA Scoket,support SANDISK protocol , 6gb/s maximum
Power supply	Power type	Single DC input, DC12V, +/-5%
	Power consumption	35W
Working Environment	Working temperature	-20℃ ~ +60℃
	Storage temperature	-40℃ ~ +85℃

	Working humidity	0% ~ 90%Relative humidity, no condensation
	Storage humidity	0% ~ 90%Relative humidity, no condensation
Dimensions	Size	170 x 170 mm
	Weight	0.5KG
Certifications		CE,ROSH,FCC

## TOP80C

### Size



## Order information

MODEL	SPECIFICATION	CPU(ptional)
TOP80C-I3	Onboard Intel Core 4 <sup>th</sup> Haswell-u Onboard 2G/4GDDR3L RAM (Can be expanded to 12G) Onboard USSD(16-512GB)	Supported 4rd Intel® Core™ i3 E.g.I3-4100U, I3-4010U
TOP80C-I5	Onboard Intel Core 4 <sup>th</sup> Haswell-u Onboard 2G/4GDDR3L RAM (Can be expanded to 12G) Onboard USSD(16-512GB)	Supported 4rd Intel® Core™ i5 E.g.I5-4200U,I5-4300U
TOP80C-I7	Onboard Intel Core 4 <sup>th</sup> Haswell-u Onboard 2G/4GDDR3L RAM (Can be expanded to 12G) Onboard USSD(16-512GB)	Supported 4rd Intel® Core™ i7 E.g.I7-4500U,I7-4510U

## Package list

1*driver CD
1*SATA
1*SATA-P Cable
1*I/O Plate

## Accessories(Optional)

Product Name	SPECIFICATION	
USB cable	Length 32CM/2*USB to PIN header	Customiz ed cable
COM Cable	Length 32CM, Series to PIN header	
VGA Cable	Length 36CM,VGA to Pin header	
LPT cable	Length 30CM,LPT to Pin header	

More accessories detail contact our salesman, like optional  
SSD, RAM, AD adapter, WIFI module, Chassis, etc

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所以产品规格如有变更, 均不另行通知