

TOP80C



- ◆ Integrated Intel Intel 4th 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;

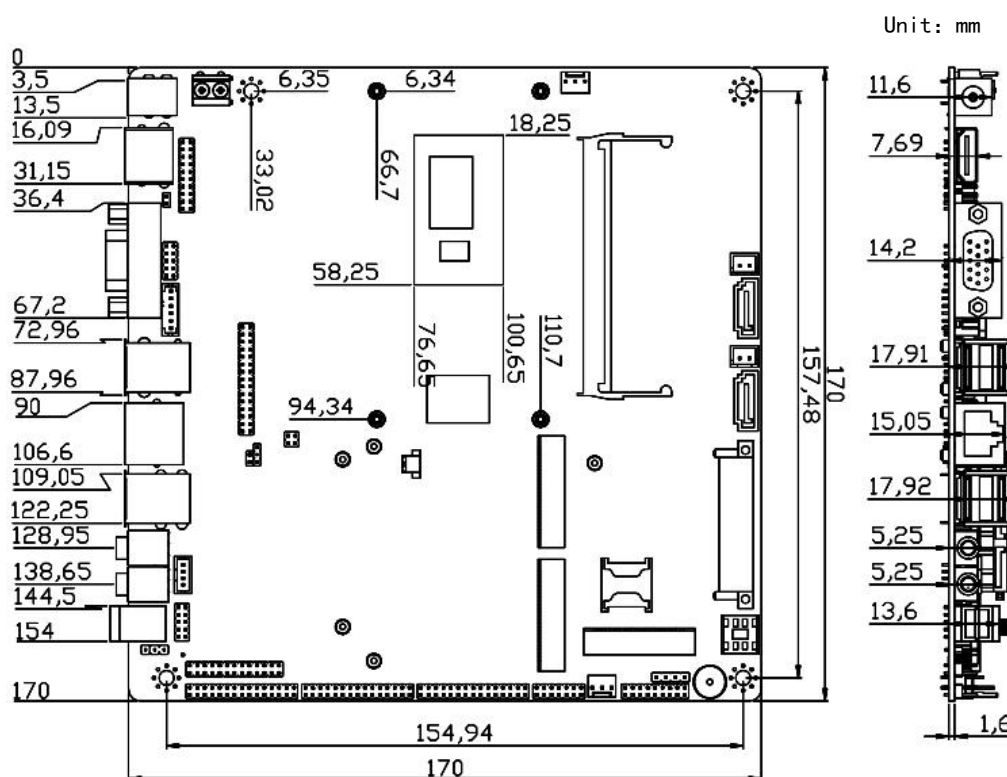
Specifications

Processor	CPU	Intel® Core™ 4 th 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)
	M-SATA	1*Mini-PCle M-SATA Scoket,support SANDISK protocol , 6gb/s maximum
Storage	SATA	2*SATA3.0 , 6GB/s maximum speed
	Onboard SSD&SATA HDD1	Onboard SSD or SATA HDD1(Optional)
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 th 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 th 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 th 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	

