

TOP80B

For Industrial tablet PC



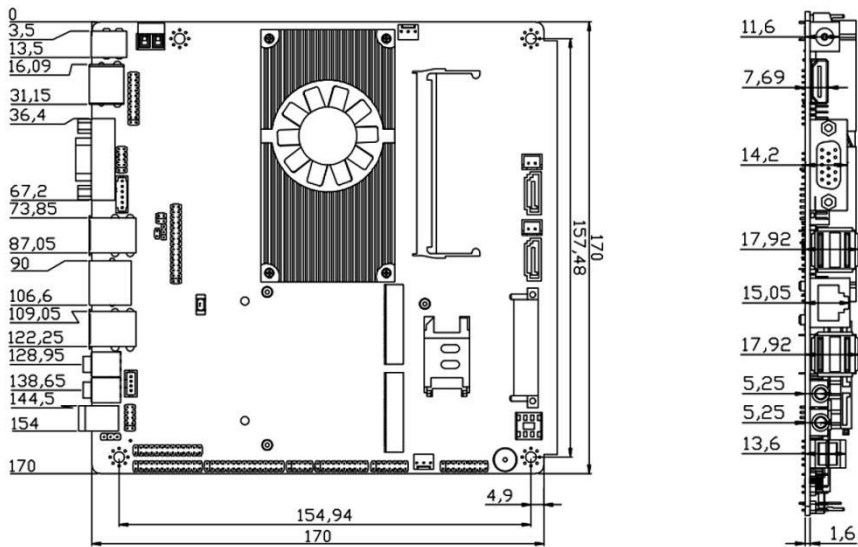
- ◆ Onboard Core Haswell-U SOC PROCESSOR
- ◆ Onboard 2GB/4GB DDR3L RAM
- ◆ Onboard 1*VGA, 1*HDMI, 1*LVDS(dual channel 24bit)
- ◆ Onboard dual-channel Amplifier, 3W/4Ω each channel
- ◆ SPDIF port
- ◆ Onboard 4/5/8 wires TP controller(Resistance)
- ◆ Support Power on rebooting , control by Jumps
- ◆ Single DC input 12V/5A power supply
- ◆ Size 170 x 170 mm

SEPCIFICATION

PROCESSOR	CPU	Intel® Core™ 4 th generation Haswell-U Soc i3/i5/i7 processor
	CPU Package	BGA1168
	CHIPSET	Intel® Haswell-U SOC series
	BIOS	EFI BIOS
RAM	Technology Architecture	Dual Channel DDR3L 1066/1333/1600MHz
	Capacity	Onboard 2GB/4GB DDR3L
	RAM Slot	1x RAM slot ,max. 8GB RAM (with 4GB +onboard 4GB for dual channel)
VIDEO	Graphic Controller	Intel HD Graphics 4400(I3-4010U) Graphic core depends on CPU
	Dual LVDS	Dual-channel 24bit LVDS to max. 1920 x 1200 resolutions
	VGA	VGA support max. Resolutions :2048x1536
	HDMI	HDMI (HDMI1.4) max.resolution :3200*2000@60HZ, 4096*2304@24Hz
	Dual display	LVDS + VGA, LVDS+HDMI, HDMI+VGA Synchronous or asynchronous display
I/O Panel	I/O	1*VGA, 1*HDMI, 1*LAN, 4*USB3.0/1*MIC-OUT/LINE-OUT, 1*SPDIF
NETWORK	CONTROLLER	RTL8111E-V 1000M LAN x 1 , RJ45
AUDIO	CONTROLLER	REALTEK HD ALC662 Audio (MIC+SPK)
Super I/O	CONTROLLER	NCT6106D
HARDWARE MONITORING	Watchdog timer	0-255sec, sample code optional
	Cooler	Alluminum Alloy heat sink with Fan
I/O	USB	4*USB3.0 compatible USB2.0 / 1.1, 2*USB2.0,max. Support +5V/1A
	Series port	5*RS-232, 1*RS422/485, RS485 Support automatic flow control
	PS/2	1*PS/2 Pin Headers
	Touch Panel	Supported Resistance TP 4/5/8 wires
	GPIO	8bit,sample code, Free defination input or output , 3.3V@24mA
EXPANSION BUS	Mini-PCle	2*Mini-PCle slot,Support PCIe and USB device
STORAGE	SATA	2*SATA3.0 , 6GB/s maximum speed
	Onboard SSD and HDD (SATA)	Onboard USSD(16-128GB) or HDD (SATA)
	M-SATA	1*Mini-PCle M-SATA Scket,support SANDISK protocol , 6gb/s maximum
POWER SUPPLY	Power supply TYPE	Single DC input, DC12V, +/-5%
	Power supply 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
MEASURE	Size	170 x 170 mm
	Weight	0.5KG
CERTIFICATION		CE, ROHS, FCC

Size

Unit: mm



ORDER INFORMATION

MODEL	SPECIFICATION	MARK
TOP80B-I3	Onboard Intel Core 4 th Haswell-u Onboard 2G/4GDDR3L RAM (Can be expanded to 12G) Onboard USSD(16-128GB)	Supported 4th Intel® Core™ i3 E.g. I3-4100U, I3-4010U
TOP80B-I5	Onboard Intel Core 4 th Haswell-u Onboard 2G/4GDDR3L RAM (Can be expanded to 12G) Onboard USSD(16-128GB)	Supported 4th Intel® Core™ i5 E.g. I5-4200U, I5-4300U
TOP80B-I7	Onboard Intel Core 4 th Haswell-u Onboard 2G/4GDDR3L RAM (Can be expanded to 12G) Onboard USSD(16-128GB)	Supported 4th Intel® Core™ i7 E.G. I7-4500U, I7-4510U

Packing List

1*I/O Plate
1* driver cd
1*SATA cable
1*SATA-P power supply cable
1*COM cable

Accessories

Model	SPECIFICATION	MARK
Internal USB Cable	Cable length 32CM, 2*USB To Pin Header	Pin Header 2.0mm/2.54 optional Cable Length Optional
Internal COM Cable	Cable length 32CM, COM (DB9) to Pin Header	
Internal VGA Cable	Cable length 36CM, VGA to Pin Header	
Internal LPT Cable	Cable length 36CM, LPT to Pin Header	
More accessories, please contact Salesman (SSD, DC power supply, 3G/4G/WIFI model, LCD display etc)		