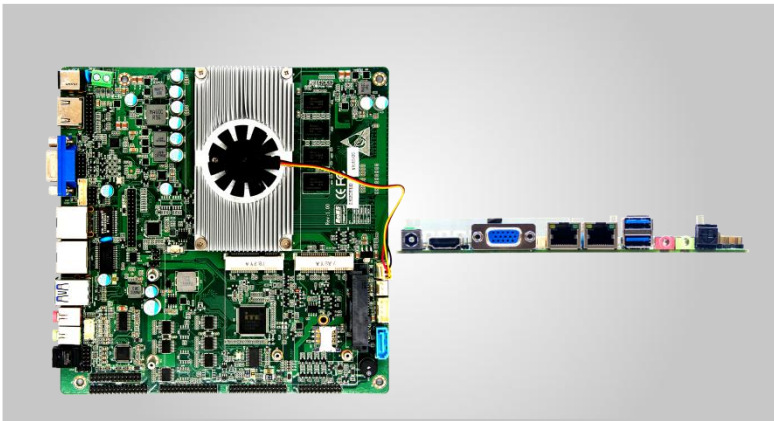


# TOP37B



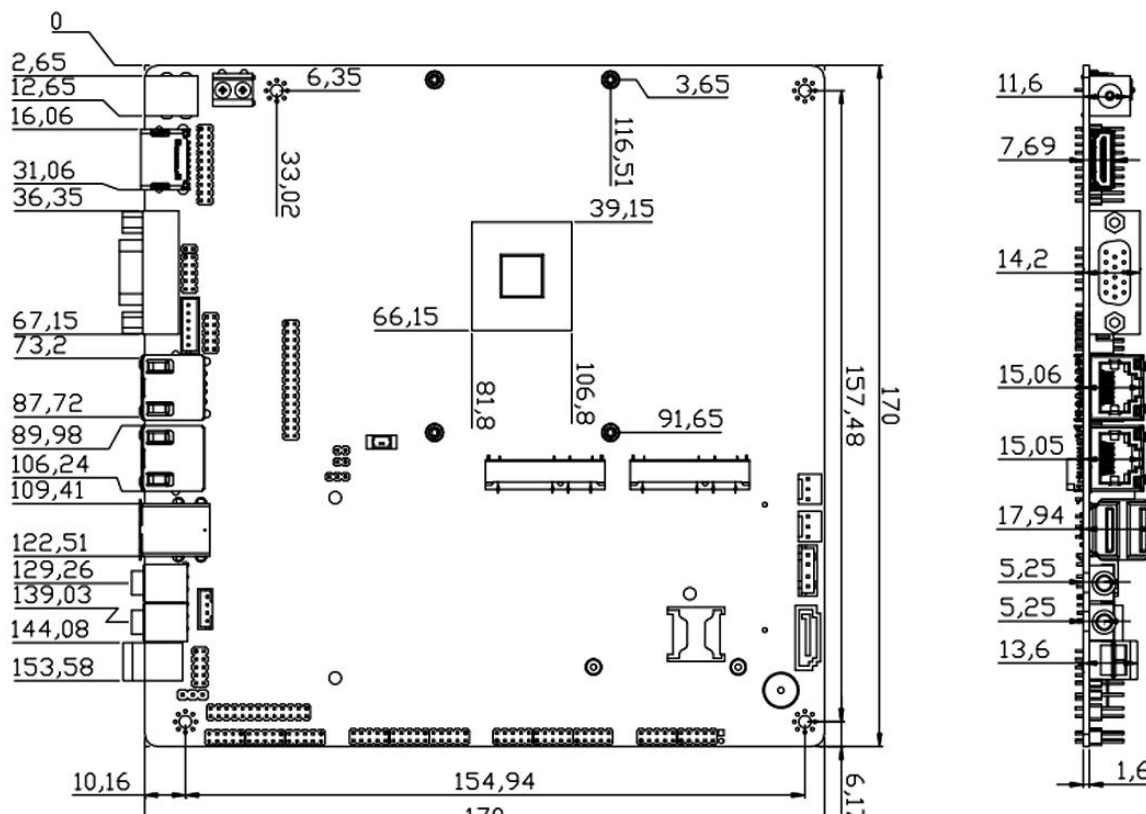
- ◆ Support Intel Braswell Processor;
- ◆ Onboard 2GB/4GB DDR3L RAM;
- ◆ 6\*RS-232;4\*RS232, 2\*RS422/RS485(optional);
- ◆ OnBoard optical fiber digital audio output interface;
- ◆ Support 1\*VGA, 1\*HDMI;
- ◆ 1\*LVDS(dual channel 24bit) and EDP (optional);
- ◆ Power supply:DC12V;
- ◆ Size 170 x 170 mm;

## SPECIFICATION

Processor	CPU	Intel Braswell processors
	CPU Package	BGA
	Chipset	Intel Braswell Single chip
	BIOS	EFI BIOS
RAM	Technology framework	Signal Channel DDR3 1066/1333MHz
	Capacity	Onboard 2GB\4GB DDR3
	Slot	1x RAM slot ,max 8GB RAM
Video	Graphic controller	Intel HD Graphics
	Dual LVDS and EDP	dual channel 24bit LVDS,Resolution maximum:1920 x 1200 EDP Resolution maximum:4096*2160 (LVDS and EDP Choose one)
	VGA	Resolution maximum 2048x1536
	HDMI	Resolution maximum 4096*2160
	Double display support	VGA+HDMI, VGA+LVDS, LVDS+HDMI, Synchronous or asynchronous display
	Three Display support	LVDS+VGA+HDMI Synchronous or asynchronous display
I/O Panel	I/O ports	1*VGA 1*HDMI 2*USB3.0 2*RJ45 LAN 1*LINE OUT 1*MIC IN
NETWORK	CONTROLLER	2*RTL8111E1000M LAN, RJ45 slot(When the I/O interface is 4 USB, the network card is 1)
AUDIO	CONTROLLER	Realtek HD ALC662 Audio((line-in, line-out, Mic)
Super I/O	CONTROLLER	IT8786E
HARDWARE MONITORING	Watchdog timer	0-255sec, sample code optional
	Cooler	Aluminum alloy heat sink with fan(Fanless)
Input/Output Interface	USB	5*USB2.0, 2*USB3.0 max support +5V/1A
	COM	6*RS-232, Optional 4*RS232, 2*RS422/RS485
	PS/2	1*PS/2expansion header
	GPIO	8bit, sample code, Free defination input or output ,3.3V@24mA
EXPANSION BUS	Mini-PCle	1*Mini-PCle slot,supported PCIE and USB device
STORAGE	SATA	1*SATAIII slot, Maximum transmission rate 6Gb/s (with SATA_HDD slot Choose one)
	M-SATA	1*M-SATA Scoket, support SANDISK protocol, Maximum transmission rate 6gb/s
	SATA_HDD	1*SATA_HDD socket (with SATA socket Choose one)
	NGFF	1*NGFF scoket (supported WIFI and 3G/4G Module)
POWER SUPPLY	Power Type	DC12V
	Power consumption	20W
WORKING ENVIRONMENT	Working temperature	-20℃ ~ +60℃
	Working temperature	-40℃ ~ +85℃
	Working humidity	0% ~ 90%(non-condensing)
	Storage humidity	0% ~ 90%(non-condensing)
MEASURE	Size	170 x 170 mm
	Weight	0.5KG
CERTIFICATION		CE, ROHS, FCC

size

unit: mm



## Order information reference

Model NO.	Description	CPU(Optional)
TOP37B	Onboard Intel Braswell Processor Onboard 2G/4GDDR3, (max 8GB RAM)	N3160

## Packing list

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

## Accessories(Optional)

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)		