

# TOP19C

## Quad core High Performance



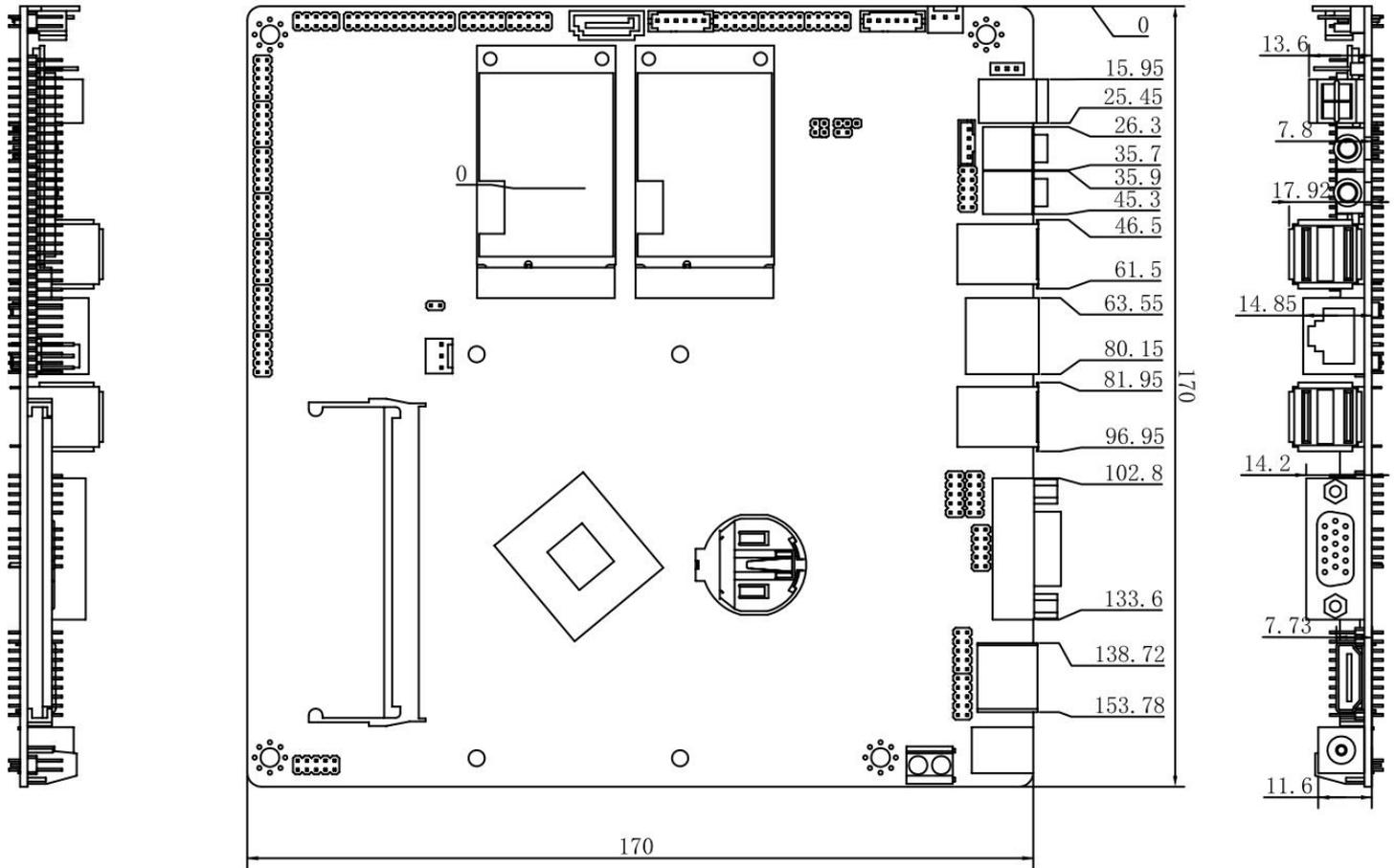
- ◆ With Baytrail-D/I/M serial Processor
- ◆ J1900\J1800\N2806\N2900
- ◆ 1\*DDR3 SODIMM 240 Socket
- ◆ 5\*RS-232, 1\*RS-485/RS-422( 6\*RS232 for optional)
- ◆ Onboard optical digital audio output interface
- ◆ Support touch screen (4wire 5wire 8wire)
- ◆ Single input DC12V Power supply, DC12V
- ◆ Form factor 170 x 170 mm

## Specification

Processor	CPU	Support Baytrail-I/D/M serial (J1900 N2900 J1800 N2806)
	CPU package	BGA
	chipset	Support Baytrail-I/D/M serial Processor
	BIOS	EFI BIOS
Memory	Technology architecture	Single channel DDR3 1066/1333MHz
	Socket	1*DDR3 SODIMM 240 Socket
Video	Graphic controller	Intel HD Graphics
	Dual LVDS and EDP	LVDS support dual channel 24bits output, Max resolution 1920 x 1200 EDP max support resolution 2560*1600 (LVDS and EDP display for optional)
	VGA	VGA max support resolution 2048x1536
	HDMI	HDMI max support resolution 1920x1200
	Dual display support	LVDS + VGA, LVDS+HDMI, HDMI+VGA Synchronous or asynchronous display
I/O back panel	Port	1*DC 1*VGA 1*HDMI 2*LAN 2*USB 1*LINE OUT 1*MIC 1*SPDIF
Internet	controller	1*RTL8111E-V Gigabit Lan Port, RJ45 Port (can choose 2*Lan Port, 2*Rear USB)
Audio	controller	Raychem HD ALC662 audio decoding (left and right channel + microphone)
Super I/O	controller	NCT6106D
hardware controller	watchdog timer	0-255 Seconds, Provide a watchdog routine
	Cooler	Aluminum fan heatsink (fanless optional)
Input/output interface	USB	5*USB2.0, 1*USB3.0 Max support +5V/1A (When the touch screen is available, only one set of USB57 pins can be use and USB2.0 is 4)
	Com	5*RS-232, 1*RS422/485 (can be choose 6*RS232) RS485 Support automatic flow control
	PS/2	1*PS/2 pin connector (supports PS/2 keyboard and mouse)
	Touch screen	Support for touch screen (4wire 5wire 8wire only one set of USB57 pins is available when the touch screen is available)
	GPIO	8-bit, providing routines, freely defined input/output, 3.3V@24mA level
Expansion wire	Mini-PCIe	1*Mini-PCIe socket, support PCIe and USB equipment
storage	SATA	1*standard SATAII Port, Maximum transfer rate 3Gb/s
	M-SATA	1* M-SATA Socket, Support SANDISK Protocol, Maximum transfer rate 3Gb/s
Power Supply	Power Type	Single input DC power supply, DC12V5A/7A
	Power consumption	20W
Work environment	Working temperature	-20°C~60°C (-32°F~140°F)
	Storage temperature	-40°C~85°C (-104°F~185°F)
	Working humidity	10%~90% (non-condensing)
	Storage humidity	10%~90% (non-condensing)
Measure	Size	170mm x 170 mm
	Weight	0.5KG

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单位: mm



## order information

Model	description	CPU optional
TOP19C-J1900	Integrated celeron Baytrail-D/I/M J1900 Quad core 2.0Ghz up to 2.4Ghz	J1900, N2900 (quad core)
TOP19C-N2806	Integrated celeron Baytrail-D/I/M N2806 dual core 1.6Ghz up to 2.0Ghz,	J1800, N2806 (dual core)

## Packing list

1*I/O backpanel
1*cd driver
1*SATA
1*SATA-P cable

## optional accessories

Product Name	SPECIFICATION	Mark
USB cable	Length 32CM/2*USB to PIN header	Customized 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 SSD, RAM, AD optional  
adapter, WIFI module, Chassis, etc