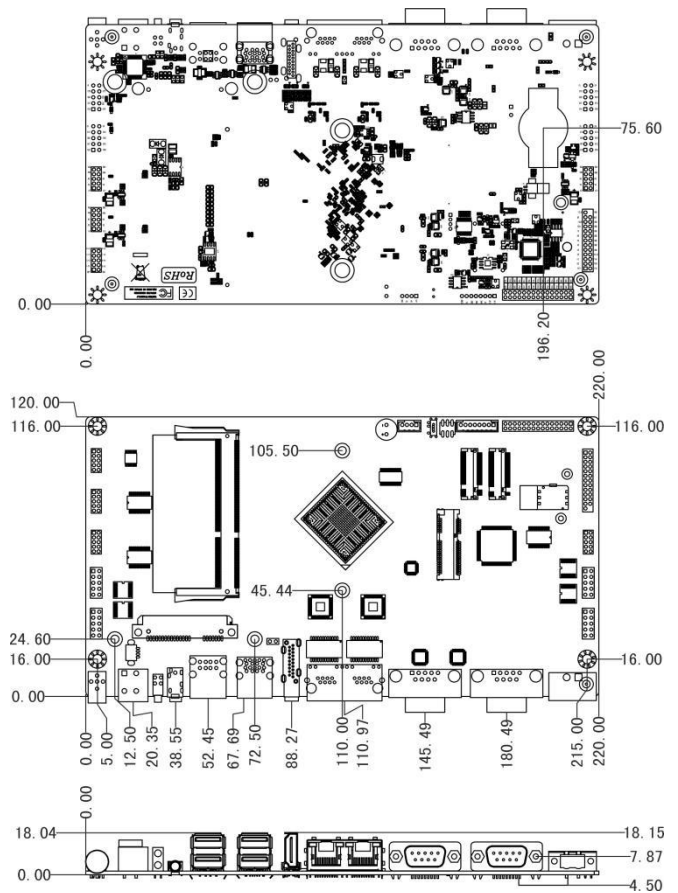
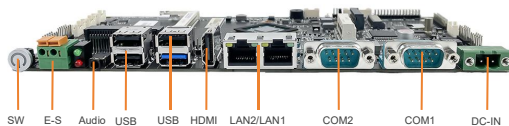
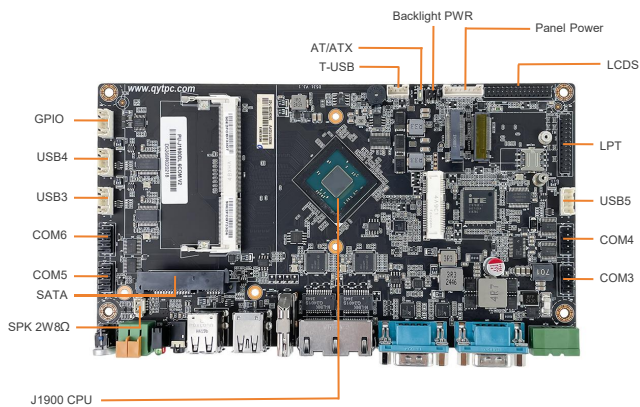


## Features

- Intel® Bay Trail Celeron J1900 Quad-core 2.0GHz, TDP 10W
- 1 x DDR3 1333MHz SODIMM, MAX 8GB
- 1 x M.2.0 (2230, Wifi+BT), 1 x M.2.0 (3042, 4G), 1 x mSATA
- Supports dual independent display: 1 x HDMI, 1 x LVDS
- 2 x Intel® 226-V 2.5GbE Ethernet, support WoL and PXE
- 6 x COM (2x RS232/RS422/RS485), ESD and Surge Protection
- Support TPM2.0 hardware security
- 9V to 36VDC Wide Range Power Input, Supporting OVP / OCP / RPP

## I/O Layout



## Specifications

<b>System</b>	CPU	Intel® Bay Trail Celeron J1900 Quad-core 2.0GHz
	L2 Cache	2MB
	TDP	10W
	Chipset	Integrated with Intel® SoC
	BIOS	AMI UEFI BIOS
	Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset
	TPM	TPM 2.0
<b>Memory</b>	Technology	Single Channel DDR3L 1333MHz, up to 8GB
	Slot	1 x DDR3 SO-DIMM Slot
<b>Storage</b>	SATA	1 x SATA3.0 Port
<b>Graphic</b>	Controller	Intel HD Graphics
<b>Audio</b>	Codec	Realtek ACL662 Audio controller
<b>Display I/F</b>	Display	1x HDMI, Max Resolution up to 4096x2160@30Hz
		1x LVDS: Dual Channel 18/24-bit, up to 1920x1200
<b>External I / O</b>	Ethernet	1x GbE1: Intel I226V 2.5GbE LAN PXE Support
		1x GbE2: Intel I226V 2.5GbE LAN PXE Support
	USB	3x USB 2.0 / 1x USB3.0 Gen1x1 (5Gbps), Type A
	COM	2x COM 1, COM 2 ( RS-232 / 422 / 485, Adjustable through BIOS )
	Audio	1x Audio_out & Mic_in
<b>Internal I/O</b>	M.2	1x M.2 ( Key-E, 2230, PCIe+USB, Wifi+BT)
		1*M.2 ( Key-B, 3042, USB2.0, 4G )
	mSATA	1x mSATA
	GPIO	1x 8bit GPIO(2*5pin)
	USB	1x T-USB2.0 wafer(1*4pin)
		3x USB2.0 wafer(2*5pin)
	COM	4x RS232 wafer(2*5pin)(COM3/COM4/COM5/COM6)
	LPT	1x LPT(2*13pin)
	SPK	1x SPK 2W8Ω wafer (1*4pin)
	Invertor	1x 12V/5V/3V Selectable
SIM Slot	1x SIM Socket	
<b>Power</b>	Power Mode	Support AT, ATX Mode
	Power Supply Voltage	DC IN 9~36V
	Power Connector	1x 2-pin Phoenix Terminal Block
	Power Protection	OVP ( Over Voltage Protection )   OCP ( Over Current Protection )   RPP ( Reverse Polarity Protection )
<b>Operating System</b>	Windows	Windows 7 / 8 / 10 IoT Enterprise
	Linux	Linux
<b>Physical</b>	Dimensions	220mm x 120mm
	Weights	0.5kg
<b>Environment</b>	Operating Temperature	-20°C ~70°C, 10 ~90%( non-cpmdensing )
	Storage Temperature	-40°C ~80°C, 10 ~90%( non-cpmdensing )
	Certification	CE/FCC Class A