



Features:

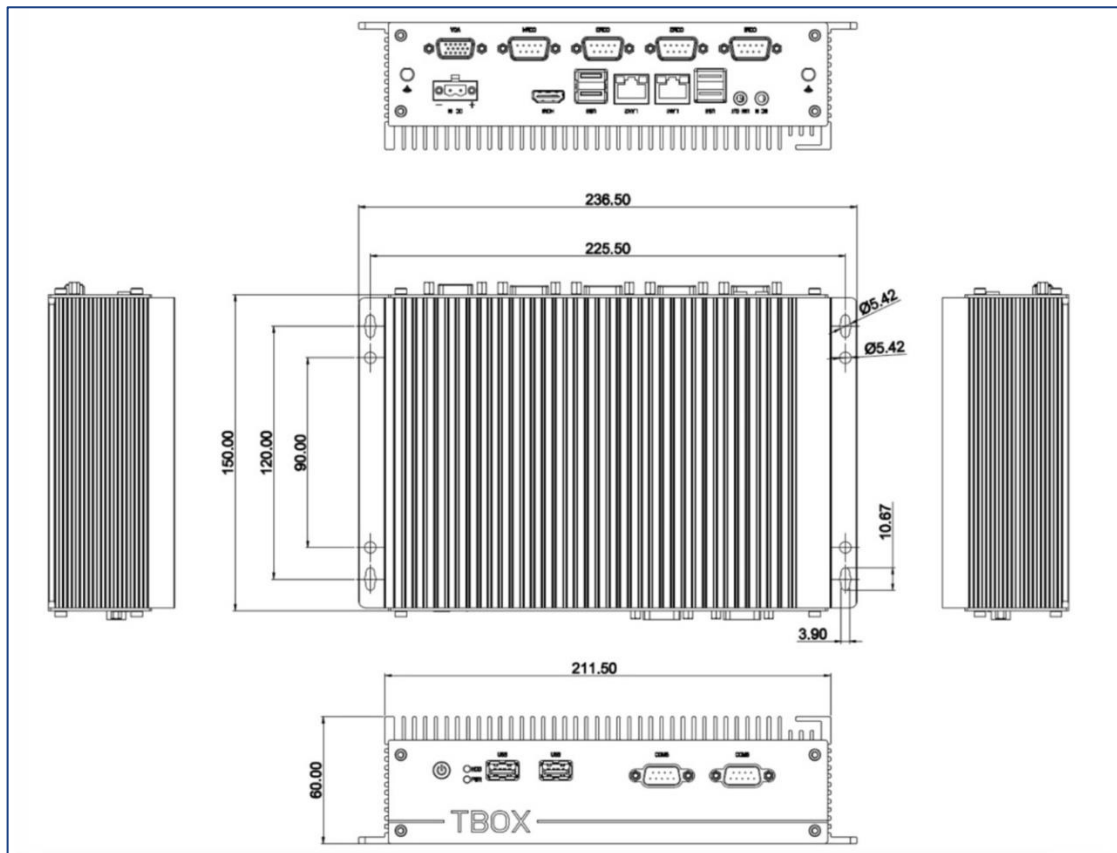
- Rugged & compact, fanless designed box structure;
- On-board Intel Apollo Lake J3455 Quad-core processor;
- Single DDR3 memory, up to 8GB, 1* mSATA and 1* 2.5" SATA storage;
- DC 12V input, with over-current, over-voltage, polarity protection;
- 2 GLAN, optional with 3G/4G/LTE, and Wi-Fi/BT expansion;
- 6 USB (4 USB3.0), 6 COM, 1 HDMI, 1 VGA, Mic-in/Line-out;
- Industrial -20 ~ + 70°C operating range, optional -40~+80 °C.



Specification

System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Apollo Lake J3455 processor
	CPU Ghz	Quad-core 1.5Ghz, burst to 2.3Ghz
	TDP	10W
	Memory	SO-DIMM, DDR3-1866Mt/s, Max. up to 8GB
	Storage	1* mSATA (Optional support 1* 2.5" SATA)
	Graphic	Intel HD graphic 500
	Network	2* Intel I211AT, optional support 3G/4G/Wi-Fi wireless
	Audio	On-board Realtek ACL 269 Audio controller
	Expansion	1* Mini-PCIe expansional slot
	Watchdog	0 ~ 256 seconds programmable
	Operating system	Win10, Linux
	IO interface	Serial port
Ethernet		2* RJ45, 10/100/1000 Mbps
Audio		Mic-in/Line-out
USB		4* USB3.0 + 2* USB2.0
Display		1* HDMI + 1* VGA
Power input		1* 2 pins, Phenix terminal
GPIO		8* GPIO (Optional)
Structure	Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment
	Color	Black + Silver
	Mount method	Desktop, wall mount, optional with Din-rail mount
	Cooling system	Finned aluminum heatsinks
	Indicator & Button	Power switch, Power LED, HDD LED
	Dimension	236.5 * 150 * 60 (mm)
	Net weight	About 1.4 KG
Power & Environmental	Operating temp.	-20 ~ + 70 (°C)
	Storage temp.	-40 ~ + 80 (°C)
	Humidity	10 ~ 95% @ 10C (No condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10 G/Peak (11 ms)
	Power input	DC 12V
	Power consumption	About 20W
	EMC	CE/FCC Class A

Dimensions (mm)



Ordering information

Part no.	Description
TBOX-12410	Intel Apollo Lake J3455, 2 RJ45, 4 USB3.0, 2 USB2.0, 6 RS232, 1 HDMI, 1 VGA, Mic-in/Line-out, DC 12V
TBOX-12420	Intel Apollo Lake J3355, 2 RJ45, 4 USB3.0, 2 USB2.0, 6 RS232, 1 HDMI, 1 VGA, Mic-in/Line-out, DC 12V
-2G / -4G / -8G	Memory: SO-DIMM, DDR3, <u>4GB/8GB</u>
-64GS / -128GS / -256GS / -512GS	mSATA SSD: <u>32GB/64GB/128GB/256GB/512GB</u>
	2.5" SATA SSD: <u>64GB/128GB/256GB/512GB/1TB</u>
	2.5" HDD: <u>1TB/2TB/4TB</u>
TBOX-WiFi	Wi-Fi module, with Antenna
TBOX-WiBlu	Wi-Fi module with BT integrated, with antenna
EC25-AU-PCKit	All network 4G module, with Antenna
TDRK-BOX1-35	Din 35 mount clip (2 set per unit)
TPS-T40W12D1	AC-DC 12V/3.3A 40W

Packing List

- 1 unit standard Product
- 1 set 40W PSU (Power supply)
- 1 set Power Cable & Plug

