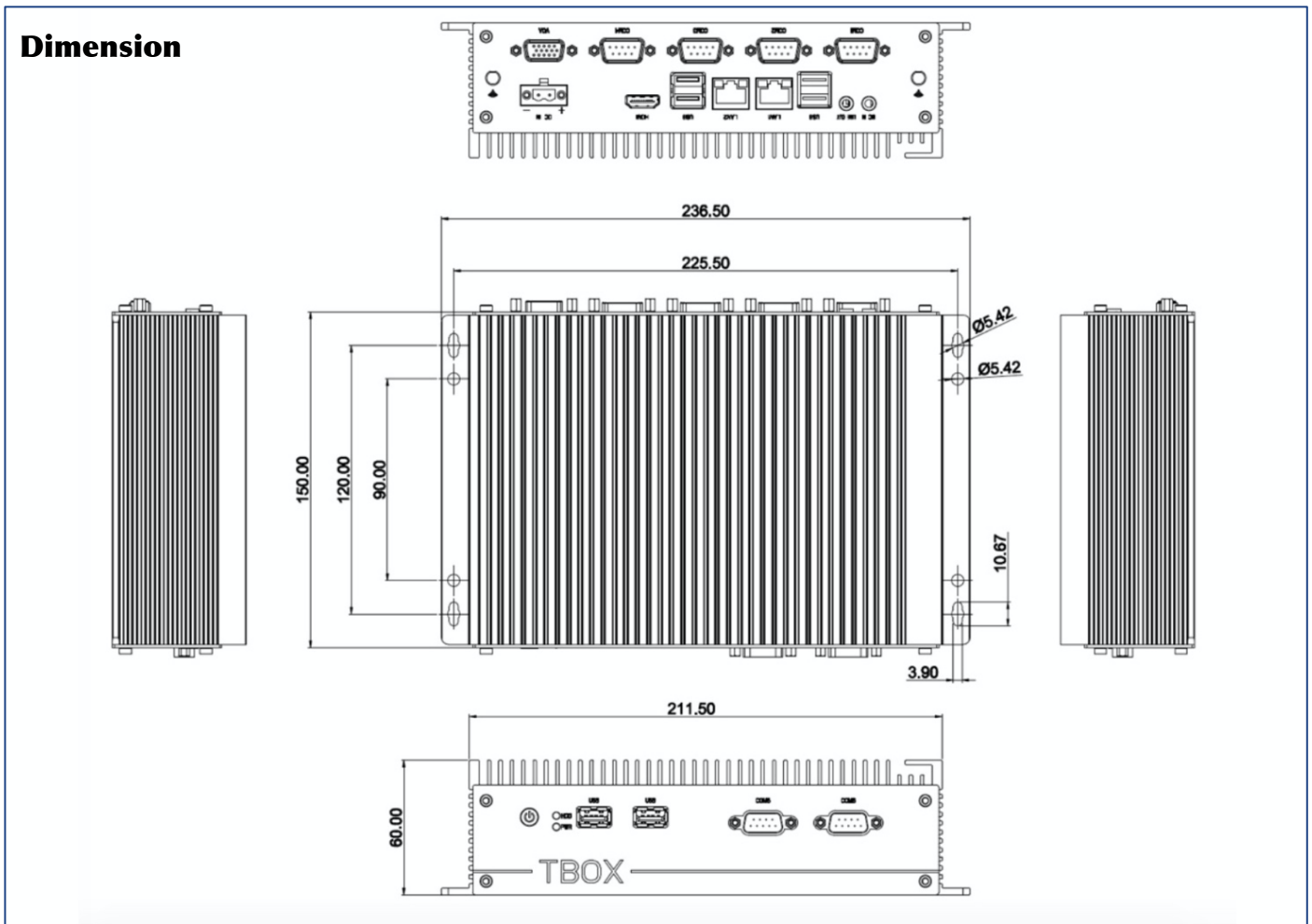


### Features:

- 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

<b>System</b>	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
	<b>IO interface</b>	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)
<b>Structure</b>	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
	<b>Power &amp; Environmental</b>	Operating temp.
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



**Ordering information**

Part no.	Description
TBOX-2410	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-2420	Intel Apollo Lake J3355, 2 RJ45, 4 USB3.0, 2 USB2.0, 6 RS232, 1 HDMI, 1 VGA, Mic-in/Line-out, DC 12V
TDDR3-4/8/GB1	Memory: SO-DIMM, DDR3, <u>4GB/8GB</u>
TMSATA-32/64/128/256/512GB1	mSATA SSD: <u>32GB/64GB/128GB/256GB/512GB</u>
T25SAS-64/128/256/512GB1	2.5" SATA SSD: <u>64GB/128GB/256GB/512GB/1TB</u>
T25SAH-1T/2T/4TB1	2.5" HDD: <u>1TB/2TB/4TB</u>
TWM-WIFIA1	Wi-Fi module, with Antenna
TWM-WIFIBT1	Wi-Fi module with BT integrated, with antenna
TWM-4GA1	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

