

## Features:

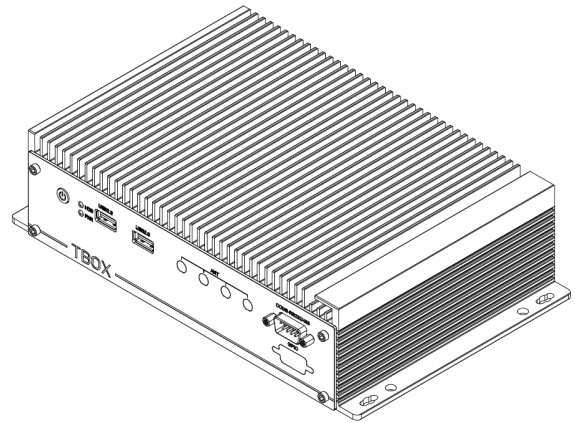
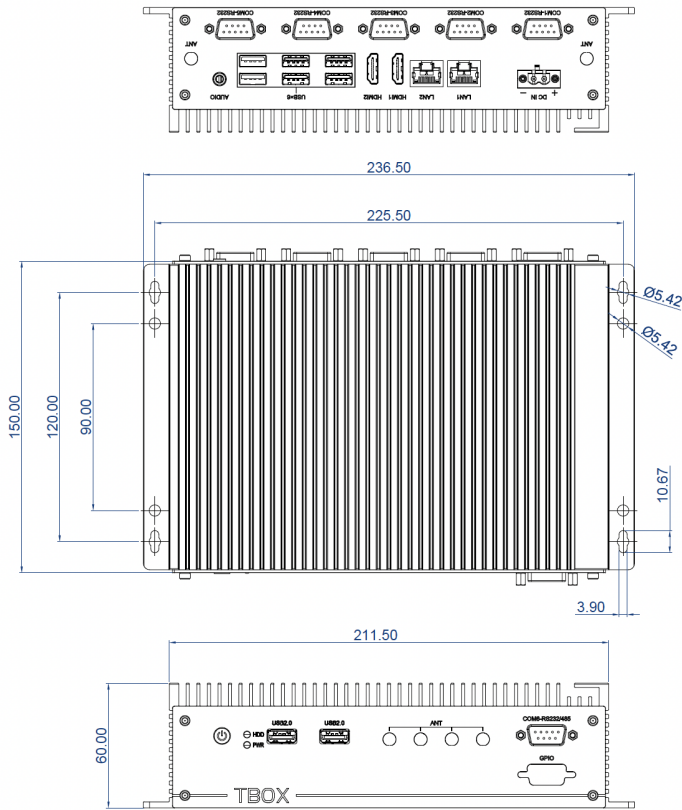
- Rugged & compact, fanless designed box structure;
- On-board Intel Tiger Lake UP3 Celeron, Core i3/i5/i7 processors;
- 1\* DDR4 memory, single slot, max. up to 32GB,
- 1\* M.2 2280(NGFF) Key-M slot (PCIe x4 NVME) SSD;
- DC 12V input, optional wide voltage DC 9~36V input;
- 2 GLAN, optional 2 wireless expansion 4G/5G, WIFI/BT support;
- 8 USB (4 USB3.0), 6 COM, GPIO (Optional), 2 HDMI, Audio;
- Industrial -20 ~ + 70°C operating range, optional -40~+80 °C.

## Specification

<b>System</b>	BIOS	SPI AMI EEI BIOS
	CPU	Intel Celeron 6305E, Core i3-1115G4, Core i5-1135G7, Core i7-1165G7
	TDP	15W ( <b>Fixed configuration</b> )
	TPM	Intel PTT TPM2.0
	Memory	SO-DIMM, DDR4-3200 MHz, Single slot, Max. up to 32GB
	Storage	1*M.2 (NGFF) 2280 Key-M slot (PCIe x4 NVME) SSD, 1* 2.5" SATA (optional)
	Graphic	Intel Iris Xe Graphics for Core i5/i7; Intel UHD Graphics for Celeron & Core i3
	Network	2* Intel GBE LAN chips, Optional WIFI+BT (Mini-PCIe), 4G/5G (M.2 Key-B 3042/3052)
	Audio	On-board Realtek ACL897 Audio controller
	Expansion	1* M.2 (NGFF) Key-E slot, 1* M.2 (NGFF) Key-B slot
<b>IO interface</b>	Watchdog	0 ~ 256 seconds programmable
	Operating system	Win10 /Win11, Linux
	Serial port	COM1~5: RS232; COM 6: RS485 (Optional RS232)
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	1* Mic-in/Line-out (2in1 3.5mm Jack)
	USB	4* USB3.0 + 4* USB2.0
	Display	2* HDMI (Max. support 4096 * 2160 @30Hz)
<b>Structure</b>	Power input	1* 2 pins, Phenix terminal
	Optional	8* GPIO (DB9)
	Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment
	Color	Silver
	Mount method	Desktop, wall mount
	Cooling system	Finned aluminum heatsinks
	Indicator & Button	Power switch, Power LED, HDD LED
<b>Power &amp; Environmental</b>	Dimension	236.5 * 150 * 60 (mm)
	Net weight	About 1.6 KG
	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 (Optional DC 9~36V)
	Power consumption	About 25W
EMC	CE/FCC Class A	

DIMENSIONAL DRAWING:TBOX-2EXX/2TXX

Dimension



DIMENSIONS IN MILLIMETERS

TAICENN  
DATE:2022.10.19  
REV:A Unit:mm

Ordering information

Part no.	Description
TBOX-2T05	Intel Celeron 6305E, Dual core, 2 RJ45, 4 USB3.0, 4 USB2.0, 6 COM, 2 HDMI, Audio, DC 12V, PSU
TBOX-2T15	Intel Core i3-1115G4, Dual core, 2 RJ45, 4 USB3.0, 4 USB2.0, 6 COM, 2 HDMI, Audio, DC 12V, PSU
TBOX-2T25	Intel Core i5-1135G7, Quad-core, 2 RJ45, 4 USB3.0, 4 USB2.0, 6 COM, 2 HDMI, Audio, DC 12V, PSU
TBOX-2T35	Intel Core i7-1165G7, Quad-core, 2 RJ45, 4 USB3.0, 4 USB2.0, 6 COM, 2 HDMI, Audio, DC 12V, PSU
TBOX-2Tx5W	Intel Tiger Lake UP3 Celeron/Core i3/i5/i7 CPUs, 2 RJ45, 4 USB3.0, 4 USB2.0, 6 COM, 2 HDMI, Audio, DC 9~36V, No PSU
TBOX-2Tx5D	Intel Tiger Lake UP3 Celeron/Core i3/i5/i7 CPUs, 2 RJ45, 4 USB3.0, 4 USB2.0, 6 COM, 2 HDMI, GPIO, Audio, DC 12V, PSU
Memory	Memory: SO-DIMM, DDR4, 4GB/8GB/16G/32G
Storage	M.2 NVMe SSD: 128GB/256GB/512GB 2.5" SATA SSD: 128GB/256GB/512GB/1TB 2.5" HDD: 2TB/4TB
Wireless Modules	Wi-Fi module, with Antenna Wi-Fi module with BT integrated, with antenna All network 4G module, with Antenna 5G module, with antenna
Power supply	Optional PSU for TBOX-2Tx5W (If needed)

Packing List

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