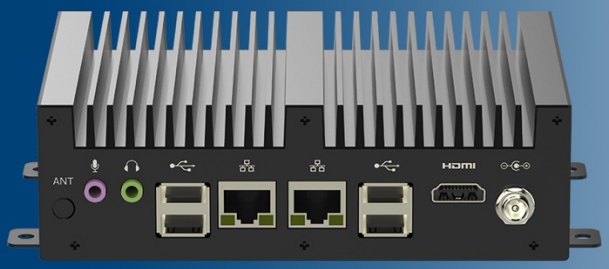
TBOX -1610

Ultra-Small Industrial Box PC

Version: 3.0



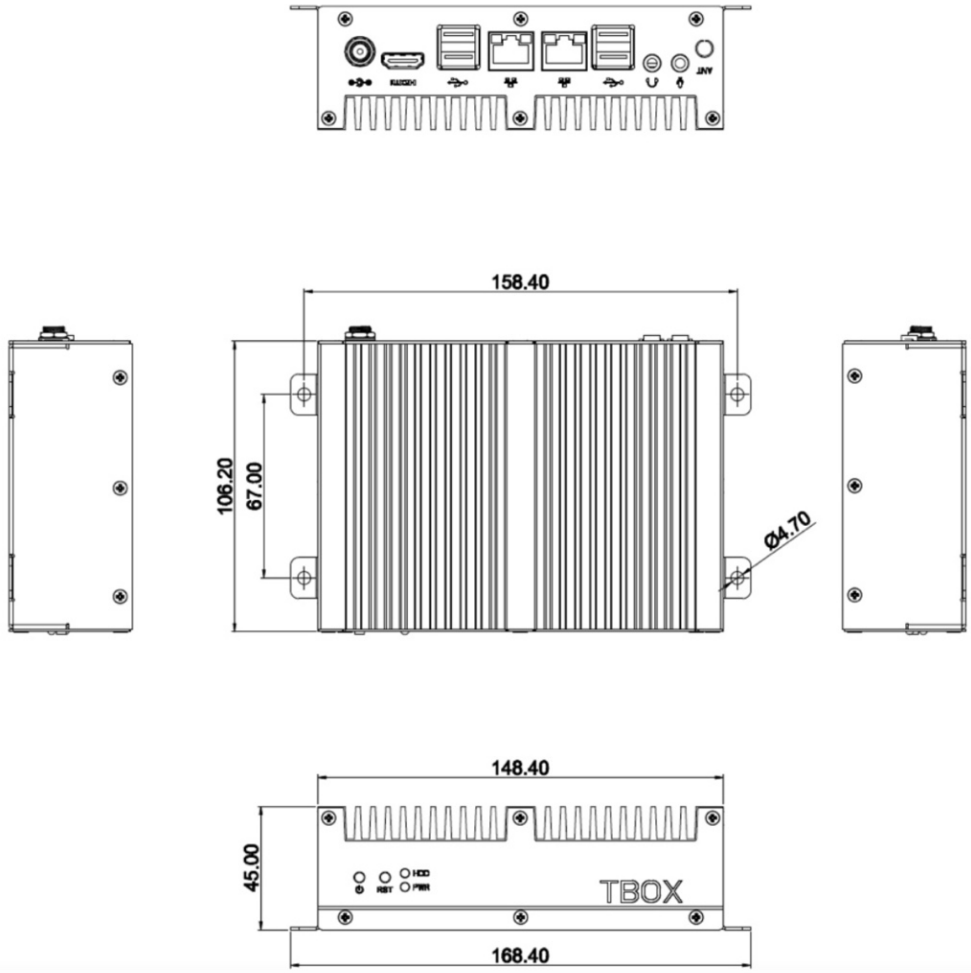
Features:

- Rugged, Ultra-small, fanless designed box structure;
- Intel Skylake 6th-gen. Core i3-6100U Dual-core processor;
- DC 12~24V input, with over-current, over-voltage, polarity protection;
- Industrial -20 ~ + 50℃ operating range;
- 2 GLAN, optional with 3G/4G/LTE, and Wi-Fi/BT expansion;
- 4 USB3.0, 1 HDMI, Mic-in/Line-out;
- 1 Mini-PCIe expansion slot.

Specification

System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Core i3-6100U
	CPU Ghz	Dual core 2.3Ghz
	TDP	15W
	Memory	SO-DIMM, DDR4-2133 MT/s, Max. up to 16GB
	Storage	1* mSATA
	Graphic	Intel HD Graphics 510/520
	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	Win7, Win8, Win embedded, Win10, Linux
IO interface	Serial port	N/A
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	4* USB3.0
	Display	1* HDMI
	Power input	DC Jack, lockable 5.5 * 2.5
	GPIO	Optional
Structure	Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment
	Color	Black
	Mount method	Desktop, wall mount, optional with Din-rail mount
	Cooling system	Finned aluminum heatsinks
	Indicator & Button	Power switch, Power LED, HDD LED
	Dimension	168.4 * 106.2 * 45 (mm)
	Net weight	About 0.8 KG
Power & Environmental	Operating temp.	-20 ~ + 50 (℃)
	Storage temp.	-40 ~ + 60 (℃)
	Humidity	10 ~ 95% @ 10C (No condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 12~24V
	Power consumption	About 25W
	EMC	CE/FCC Class A

Dimension



Ordering information

Part no.	Description
TBOX-1600	Intel Skylake Celeron 3855U, 2 RJ45, 4 USB3.0, 1 HDMI, Mic-in/Line-out, DC 12~24V
TBOX-1610	Intel Skylake Core i3-6100U, 2 RJ45, 4 USB3.0, 1 HDMI, Mic-in/Line-out, DC 12~24V
TBOX-1620	Intel Skylake Core i5-6200U, 2 RJ45, 4 USB3.0, 1 HDMI, Mic-in/Line-out, DC 12~24V
TBOX-1630	Intel Skylake Core i7-6500U, 2 RJ45, 4 USB3.0, 1 HDMI, Mic-in/Line-out, DC 12~24V
TDDR4-**4/8/16**GB1	Memory: SO-DIMM, DDR4, 4GB/8GB/16GB
TMSATA-**32/64/128/256/512**GB1	mSATA SSD: 32GB/64GB/128GB/256GB/512GB
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 (1 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

The information in this specification is subject to change without notice.