

Features:

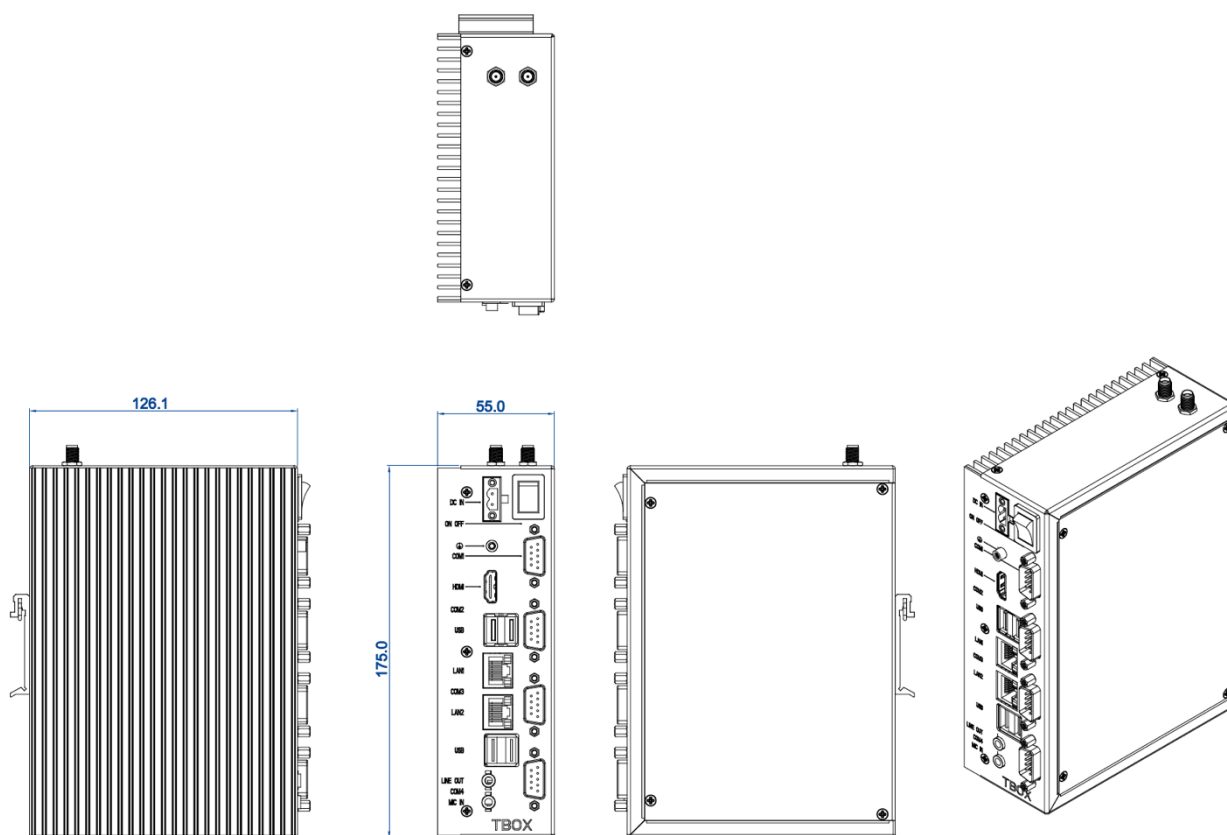
- Rugged, Ultra-small, fanless designed box structure;
- Intel Baytrail J1900, Quad-core 2.0Ghz processor;
- DC 9~24V power input, with over-voltage, polarity protection;
- Industrial -20 ~ + 60°C operating range;
- 2 GLAN, optional with 3G/4G/LTE, and Wi-Fi/BT expansion;
- 4 USB, 1 HDMI, 4 COM, Mic-in/Line-out;
- Din rail mount;
- 1 Mini-PCle expansion slot.

Specification

System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Baytrail J1900 processor
	CPU Ghz	Quad-core 2.0Ghz, burst to 2.42Ghz
	TDP	10W
	Memory	SO-DIMM, DDR3, Max. up to8GB
	Storage	1* mSATA
	Graphic	Intel HD Gen 7
	Network	2* Intel I211AT, optional support 3G/4G/Wi-Fi wireless
	Audio	On-board Realtek ACL 282 Audio controller
	Expansion	1* Mini-PCle expansional slot
	Watchdog	0 ~ 256 seconds programmable
	Operating system	Win7, Win8, Win Embedded, Win10, Linux
IO interface	Serial port	4* RS232 (Support 1* RS485), optional with 1 RS485/RS422
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	1* USB3.0, 3* USB2.0
	Display	1* HDMI
	Power input	1* 2 Pins, Phenix terminal
	Optional	8* GPIO, CAN-bus (Via Mini-PCle)
Structure	Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment
	Color	Black
	Mount method	Din-rail mount
	Cooling system	Finned aluminum heatsinks
	Indicator & Button	Power switch, Power LED, HDD LED
	Dimension	175.00 * 126.10 * 55.00 (mm)
	Net weight	About 1.1 KG
Power & Environmental	Operating temp.	-20 ~ + 60 (°C)
	Storage temp.	-40 ~ + 70 (°C)
	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 9~24V
	Power consumption	About 20W
	EMC	CE/FCC Class A

DIMENSIONAL DRAWING:TBOX-1310

Dimension



DIMENSIONS IN MILLIMETERS

TAICENN
DATE:2019.04.02
REV:A Unit:mm

Ordering information

Part no.	Description
TBOX-1312	Intel Baytrail J1900, 2 RJ45, 4 USB, 4 COM, 1 HDMI, Mic-in/Line-out, DC 9~24V
TDDR3-4/8GB1	Memory: SO-DIMM, DDR3L, 4GB/8GB
TMSATA-32/64/128/256/512GB1	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