



Features:

- Rugged, Ultra-small, fanless designed box structure;
- Intel 11th Gen. Core i3-1115G4, Dual-core processor;
- DC Jack 12V power input;
- Industrial -20 ~ + 60°C operating range;
- 2 GLAN, optional with 3G/4G/LTE/5G, and Wi-Fi/BT expansion;
- 6 USB3.0, 2HDMI, Audio;
- 1 M.2 3052 B-Key slot, and 1 M.2 2230 E-Key slot;
- Optional support Din-Rail mount.

Specification



| | | |
|----------------------------------|---------------------------|---|
| System | BIOS | SPI AMI EEI BIOS |
| | CPU | Intel Core i3-1115G4, Dual-core processor, Burst to 4.1Ghz |
| | TDP | 15W (BIOS fixed) |
| | TPM | Intel PTTTPM2.0 |
| | Memory | SO-DIMM, DDR4-2666/2933/3200 Mhz, Max. up to 32GB |
| | Storage | 1* M.2 2280 M-Key slot (PCIe Gen-IV x4, NVMe) SSD |
| | Graphic | Intel UHD Graphics for 11 th Gen. (Up to 48EUs, 1.25Ghz) |
| | Network | 1* Intel I219, 1* Intel I225, optional support 3G/4G/5G/Wi-Fi/BT Wireless |
| | Audio | On-board Realtek ACL897 Audio controller |
| | Expansion | 1* M.2 3052 B-key slot (4G/5G), 1* M.2 2230 E-Key (Wi-Fi/BT) |
| | Watchdog | 0 ~ 256 seconds programmable |
| Operating system | Win10, Win11, Linux | |
| IO interface | Serial port | N/A |
| | Ethernet | 2* RJ45, 10/100/1000 Mbps |
| | Audio | 1* Mic-in/Line-out (2-in-1 Jack) |
| | USB | 6* USB3.0 |
| | Display | 2* HDMI |
| | Power input | DC Jack, lockable 5.5 * 2.5 |
| | GPIO | Optional (Internal jumper) |
| 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 * 110.00 * 45 (mm) |
| | Net weight | About 0.85 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 12V |
| | Power consumption | About 25W |
| Certificate | CE/FCC/ROHS | |



Cobots



Cámaras



PLCs



HMIs



Sensores



Registradores



Software



Convertidores



Osciloscopios



Celdas de carga



Adquisición (DAQ to I)

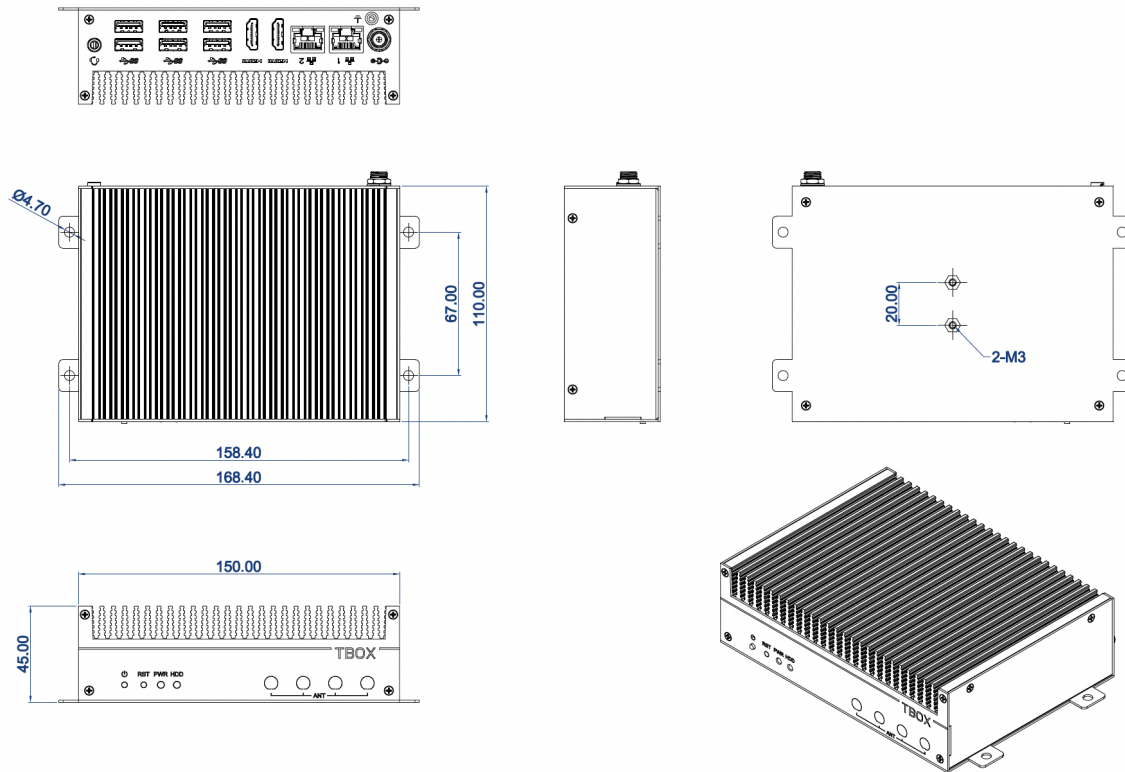


PCs industriales

TBOX -1T15

Dimension (mm)

DIMENSIONAL DRAWING:TBOX-1XX5



DIMENSIONS IN MILLIMETERS

TAICEM
DATE:2023.04.12
REV:C Unit:mm

Ordering information

| Part no. | Description |
|----------------------|--|
| TBOX-1T15 | Intel Core i3-1115G4, 2 RJ45, 6 USB3.0, 2 HDMI, Audio, DC 12V (DC Jack), PSU |
| TBOX-1T25 | Intel Core i5-1135G7, 2 RJ45, 6 USB3.0, 2 HDMI, Audio, DC 12V (DC Jack), PSU |
| TBOX-1T35 | Intel Core i7-1165G7, 2 RJ45, 6 USB3.0, 2 HDMI, Audio, DC 12V (DC Jack), PSU |
| Optional Accessories | Description |
| Memory | SO-DIMM, DDR4, 4GB/8GB/16G/32GB |
| Storage | M.2 NVMe SSD: 128GB/256GB/512GB |
| Wireless | Wi-Fi module, with Antenna |
| | Wi-Fi module with BT integrated, with antenna |
| | All network 4G module, with Antenna |
| Mount Rack | 5G Module, with Antenna |
| | Din 35 mount clip (1 set/unit) |

Packing List

| Description | Quantity |
|-----------------------------------|----------|
| Standard TBOX-1T25 Box PC Product | 1 piece |
| 40W PSU (Power supply) | 1 set |
| Power Cable & Plug | 1 set |

