

Nord Technology

Distributor of Taicenn hardware in Europe

NORD TECHNOLOGY CONTACT INFORMATION

World Trade Center
Borupvang 3,
2750 Ballerup,
Denmark

 **Tel.:** +45 70 27 04 15
 **Email:** sales@nord-t.eu
 **Website:** www.nordtechnology.dk

TBOX-2F15-4L



TBOX-2F15-4L

**New Box PC with Intel Core Ultra 5 125U CPU;
4 GbE, 4 USB, 2 COM, 1 HDMI; Auto detected DC
12/19/24V Power Input; 1* Mini-PCle & 1* M.2**

Version: 1.0



Features:

- Rugged & compact, fanless designed box structure;
- Support Powerful Intel Core™ Ultra5 (series 1) 125U processor;
- Single DDR5 memory, up to 32GB, 1* M.2 2280 NVMe storage;
- Auto detected DC 12/19/24V input, optional wide 9~36V input;
- 4 GbE, optional with 3G/4G/LTE, Wi-Fi/BT;
- 4 USB3.0, 1 HDMI, 2 COM;
- 1 M.2 and 1 Mini-PCle expansion slots;
- Industrial operating -20 ~ +70°C temp. range.

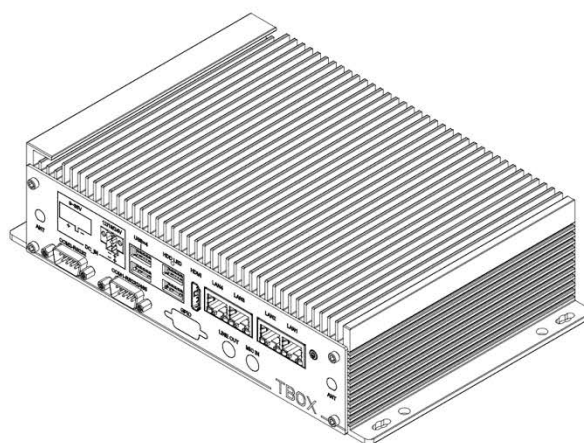
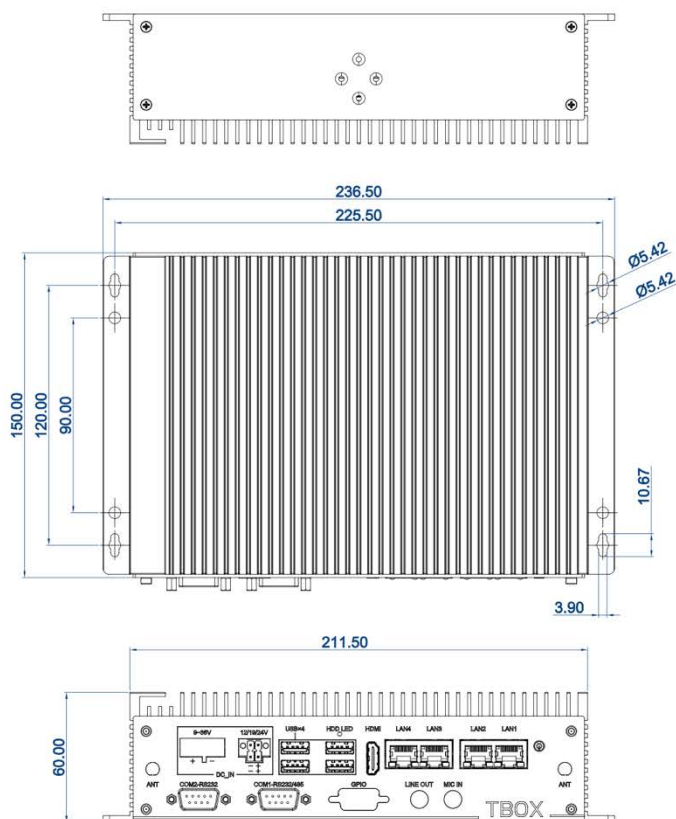
Specification



System	BIOS	SPI AMI EEI BIOS
	CPU & Graphic	Intel Core™ Ultra 5 series 125U CPU processor, up to 4.3Ghz, 12-Cores, TDP=15W
	Graphic	Intel 4Xe -cores Graphics (Up to 1.85Ghz)
	NPU	Intel AI Boost, 11TOPS (Int8)
	TPM	Intel PTTTPM2.0
	Memory	SO-DIMM, DDR5-5600 Mhz, Single slot, Max. up to 32GB
	Storage	1* M.2 2280 M-Key slot (PCIe x4, Gen IV, NVMe) SSD, 1* 2.5" SATA III SSD
	Network	4* Intel I210 GbE (Support PXE/PRL Boot), optional support 3G/4G/Wi-Fi/BT wireless expansion
	Audio	On-board Realtek Audio HAD Codec
	Expansion	1* Mini-PCle (Support 4G, with 1 * SIM slot); 1* M.2 E-key 2230 slot (Wi-Fi/BT)
IO interface	Watchdog	0 ~ 256 seconds programmable
	Operating system	Win10/Win11 64-bit; Linux, Ubuntu
	Serial port	COM1: RS232/RS485 (Jumper); COM2: RS232
	Ethernet	4* RJ45, 10/100/1000 Mbps
	Audio	N/A (Optional Mic-IN/Line-out)
	USB	4* USB3.0 (Type-A)
	Display	1* HDMI (Max. support 3840 *2160 @30Hz)
Structure	Power input	1* 4 pins, Terminal Blocks
	Optional I/O	N/A (Optional 8* GPIO)
	Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment
	Color	Silver
	Mount method	Desktop, wall mount; Optional Din-Rail mount (TBOX-2F15R-4L)
	Cooling system	Finned aluminum heatsinks
	Indicator & Button	Power switch, Power LED, HDD LED
Power & Environmental	Dimension	236.5 * 150.0 * 60.0 (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	10G/Peak (11 ms)
	Power input	DC 12/19/24V input (Auto detect); Optional wide DC 9~36V range (TBOX-2F15W-4L)
	Power consumption	About 25W
	Certificate	CE/FCC/ROHS

Dimension

DIMENSIONAL DRAWING:TBOX-2FXX-4L



DIMENSIONS IN MILLIMETERS

TAICENN
DATE:2026.07.01
REV:A Unit:mm

Ordering information

Part no.	Description	
TBOX-2F15-4L	Intel Core Ultra 5 (series 1) 125U processor, 4 GbE, 4 USB3.0, 2 COM, 1 HDMI, DC 12/19/24V, No PSU by default	
TBOX-2F15R-4L	Intel Core Ultra 5 (series 1) 125U processor, 4 GbE, 4 USB3.0, 2 COM, 1 HDMI, DC 12/19/24V, No PSU by default, Din-Rail Mount with Clip	
TBOX-2F15W-4L	Intel Core Ultra 5 (series 1) 125U processor, 4 GbE, 4 USB3.0, 2 COM, 1 HDMI, Wide DC 9~36V range , No PSU by default	
Optional Accessories	Description	Packing List
Memory	SO-DIMM, DDR5, <u>8GB/16GB/32GB</u>	Standard TBOX-2F15-4L Box PC Product1 set
Storage	M.2 NVMe SSD: <u>256GB/512GB/1TB</u> 2.5" SATA SSD/HDD	Power cable & Plug1 set
Wireless	Wi-Fi with BT Integrated module, with Antenna Wi-Fi module, with Antenna All network 4G module, with Antenna	
Power Supply	PSU (If needed)	
Sim Card Slot	Sim card slot module (optional for 4G wireless)	