


Nord Technology

Reseller of Taicenn hardware in Denmark

NORD TECHNOLOGY CONTACT INFORMATION

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Taicenn TBOX-4T21





Features:

- Rugged & slim designed, fanless designed box structure;
- Powerful Intel Tiger Lake UP3 11th Gen. Core i5-1155G7 processor;
- 2* DDR4 memory, up to 64GB, 1* M.2 2280 storage slot;
- Wide voltage DC terminal 9~36V power input;
- 2 GLAN, optional with 3G/4G/LTE, 5G, and Wi-Fi/BT expansion;
- 4 USB (2 USB3.1), 1 HDMI, 1 DP, 2 RS232/RS485/RS422, Audio;
- 1 USB-C (USB3.1&DP1.4a) port, 1 SW Remote switch;
- 3 expansion slots: 1 M.2 B-Key, 1 M.2 E-Key, 1 Mini-PCIe;
- Industrial operating -20 ~ +70°C temp. range.

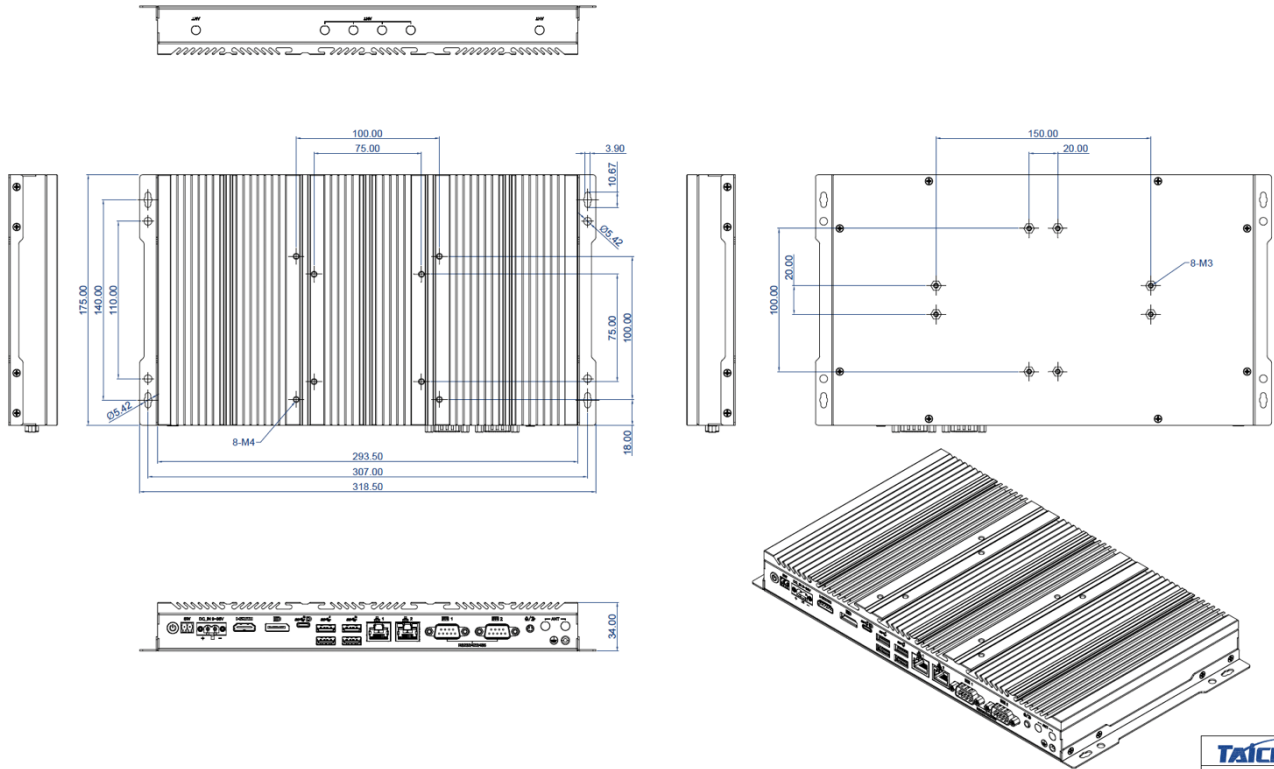
Specification



System	BIOS	SPI AMI EEI BIOS
	CPU	Intel 11 th Gen. Core i5-1155G7 processor
	CPU Ghz	Quad-core, up to 4.5Ghz, TDP 15W (BIOS Fixed)
	TPM	Intel PTT TPM2.0
	Memory	2* SO-DIMM, DDR4-2666/2933/3200 Mhz, Max. up to 64GB
	Storage	1* M.2 2280 M-Key slot (PCIe x4 Gen IV, NVMe) SSD, Optional support 1* 2.5" SATA III SSD
	Graphic	Intel Iris Xe Graphics (Up to 80 EUs, 1.3Ghz)
	Network	1* Intel I219LM, 1* Intel I226V Network chips, optional support 3G/4G/5G/Wi-Fi/BT wireless
	Audio	On-board Realtek ACL897 Audio controller
	Expansion	1* M.2 (NGFF) B-Key 3042/3052 slot, 1* M.2(NGFF) E-Key 2230 slot, 1* Mini-PCIe slot
Watchdog	0 ~ 256 seconds programmable	
Operating system	Win10, Win11, Linux	
IO interface	Serial port	2* RS232/RS485/RS422 (BIOS configured)
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	1* Mic-in/Line-out (2 in 1, 3.5mm Jack)
	USB	2* USB3.1 Type-A (USB3.2 Gen2 x1, 10Gbps), 2* USB3.0 Type-A (USB3.2 Gen1 x1, 5Gbps), 1* USB-C (USB3.1&DP1.4a)
	Display	1* HDMI (Max. support 4096 * 2304 @60Hz), 1* DP1.4a (Max. resolution 7680 * 4320 @60Hz)
	Power input	1* 2 pin, phenix terminal
	GPIO	8* GPIO (Optional via 1* DB9)
Structure	Box structure and surface	Aluminum alloy, anodizing and anti-scratch treatment
	Color	Black
	Mount method	Desktop, wall mount, optional Din-Rail mount
	Cooling system	Finned aluminum heatsinks
	Indicator & Button	Power switch, Power LED, HDD LED
	Dimension	318.5 * 175.0 * 34.0 (mm)
	Net weight	About 1.5 KG
	Power & Environmental	Operating temp.
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		Wide DC 9~36V
Power consumption		About 25W
Certificate		CE/FCC/ROHS

Dimension

DIMENSIONAL DRAWING:TBOX-4TX1



DIMENSIONS IN MILLIMETERS

TAICEM
DATE:2023.03.02
REV:A Unit:mm

Ordering information

Part no.	Description
TBOX-4T21	Intel Core i5-1155G7 Quad-core processor, 2 GbE, 2 USB3.1, 2 USB3.0, 1 USB-C, 2 COM, 1 HDMI, 1 DP, Audio, 1 SW, DC 9~36V, PSU
TBOX-4T21R	Intel Core i5-1155G7 Quad-core processor, 2 GbE, 2 USB3.1, 2 USB3.0, 1 USB-C, 2 COM, 1 HDMI, 1 DP, Audio, 1 SW, DC 9~36V, PSU, Din-Rail mount
Optional Accessories	Description
Memory	SO-DIMM, DDR4, <u>8GB/16GB/32GB/64GB</u> M.2 SSD: <u>128GB/256GB/512GB</u>
Storage	2.5" SATA SSD: 128GB/256GB/512GB/1TB 2.5" HDD: 2TB/4TB Wi-Fi module, with Antenna
Wireless	Wi-Fi module with BT integrated, with antenna All network 4G module, with Antenna 5G network module, with Antenna

Packing List

Description	Quantity
Standard TBOX-4T21 Box PC Product	1 piece
PSU (Power supply)	1 set
Power Cable & Plug	1 set