

Nord Technology

Reseller of Taicenn hardware in Denmark

NORD TECHNOLOGY CONTACT INFORMATION

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Taicenn TBOX-6D15





Features:

- Rugged & Slim design, fanless design;
- Intel 12th Gen. Alder Lake-U Core i3-1215U 2P/4E core processor;
- Single DDR4 memory, up to 32GB, 1* M.2 2280 NVMe storage;
- DC terminal 12/24V input, Auto detect;
- 2 GbE, optional with Wi-Fi/BT wireless function;
- 6 USB3.0, 1 HDMI, 1 DP, Audio;
- 2 M.2 fast-speed expansion slots;
- Cabinet mount, optional Din-Rail mount;
- Industrial operating -20 ~ +60°C temp. range.

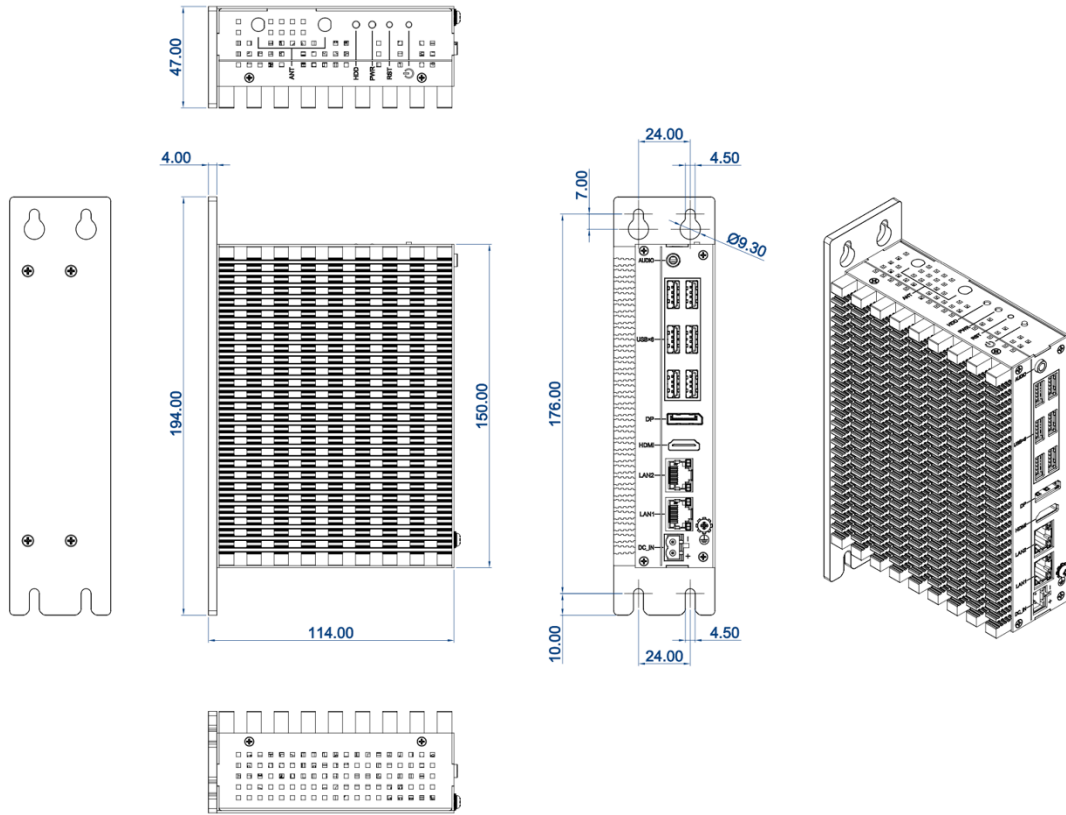


Specification

| | | |
|----------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------|
| System | BIOS | SPI AMI EEI BIOS |
| | CPU | Intel 12 th Gen. Alder Lake-U Core i3-1215U processor, 2P/4E-Core |
| | CPU Ghz | P-core Up to 4.40Ghz; E-core up to 3.30Ghz |
| | TDP | 15W |
| | Graphic | Intel UHD Graphics for 12 th Gen. Intel processors (Up to 64 EUs, 1.1Ghz) |
| | TPM | Intel PTTMP2.0 |
| | Memory | SO-DIMM, DDR4-2666/2933/3200 Mhz, Single slot, Max. up to 32GB |
| | Storage | 1* M.2 M-Key (PCIe x4 / SATA, Default PCIe 4x, Gen. IV NVMe, 2280) SSD slot |
| | Network | 1* Intel I219AT, 1* Intel I226V, Optional support Wi-Fi/BT wireless |
| | Expansion | 1* M.2 3042/3052 B-key slot, 1* M.2 E-key slot (Wi-Fi/BT) |
| Watchdog | 0 ~ 256 seconds programmable | |
| Operating system | Win10/Win11; Linux Kernel 5.17 or later | |
| IO interface | Serial port | N/A |
| | Ethernet | 2* RJ45, 10/100/1000 Mbps |
| | USB | 6* USB3.0 |
| | Display | 1* HDMI (Max. support 2048 *1080 @30Hz), 1* DP++ (Max. 4096*2304 @60Hz) |
| | Audio | 1* Mic-in/Line-out (2-in-1, 3.5mm Jack) |
| | Power input | 1* 2 pin, DC terminal |
| Structure | Box structure and surface | Aluminum alloy, anodizing and anti-scratch treatment |
| | Color | Black |
| | Mount method | Cabinet mount, Din-Rail mount (Optional) |
| | Cooling system | Finned aluminum heatsinks |
| | Indicator & Button | Power switch, Power LED, HDD LED |
| | Dimension | 150.00mm * 114.00mm * 47.00 mm (194.00mm with mount rack) |
| | Net weight | About 1.0 KG |
| Power & Environmental | Operating temp. | -20 ~ + 60 (°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 24/12V (Auto Detect) |
| | Power consumption | About 25W |
| | Certificate | CE/FCC/ROHS |

Dimension

DIMENSIONAL DRAWING:TBOX-6NX5/6DX5



DIMENSIONS IN MILLIMETERS

TAICENN
DATE:2024.09.13
REV:E Unit:mm

Ordering information

| Part no. | Description |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TBOX-6D15 | Intel 12 th Gen. Alder Lake-U Core i3-1215U Processor, 2 RJ45, 6 USB3.0, 1 HDMI, 1DP, Audio, DC terminal 24V/12V, No PSU, Cabinet mount rack |
| TBOX-6D15R | Intel 12 th Gen. Alder Lake-U Core i3-1215U Processor, 2 RJ45, 6 USB3.0, 1 HDMI, 1DP, Audio, DC terminal 24V/12V, No PSU, Din-Rail mount rack |
| TBOX-6D15N | Intel 12 th Gen. Alder Lake-U Core i3-1215U Processor, 2 RJ45, 6 USB3.0, 1 HDMI, 1DP, Audio, DC terminal 24V/12V, No PSU, No mount rack |
| Optional Accessories | Description |
| Memory | SO-DIMM, DDR4, <u>8GB/16GB/32GB</u> |
| Storage | M.2 NVMe SSD: <u>256GB/512GB/1TB</u> |
| Wireless | Wi-Fi 6 module, with Antenna Wi-Fi module with BT integrated, with antenna |
| Power Supply | 60W/12V Power supply unit (If needed) |

Packing List

| Description | Quantity |
|-----------------------------------|----------|
| Standard TBOX-6D15 Box PC Product | 1 piece |
| Power Cable & Plug | 1 set |