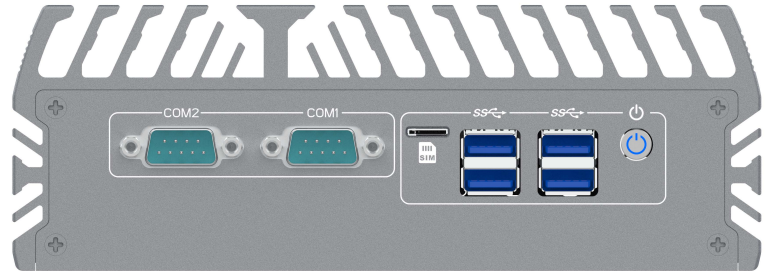
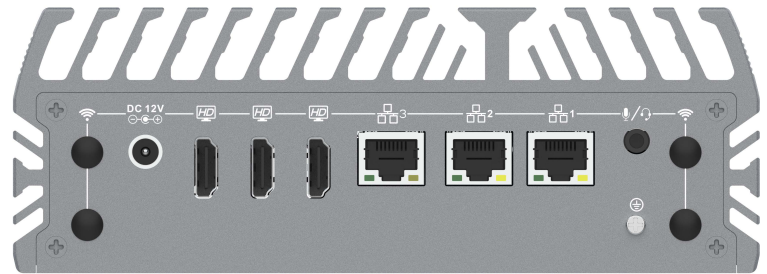


Features

- Intel 12th Intel Core Alder Lake-P Processor
- 2 x COM, 4 x USB, 3 x LAN
- 3 x M.2, 1 x SIM slot, 1 x SATA
- Support 3 x HDMI 4K display port
- Support DC 12V Power Input



Core System

CPU	Intel Core i7-1255U, 2P8E-core, up to 4.70 GHz, TDP 15W Intel Core i5-1235U, 2P8E-core, up to 4.40 GHz, TDP 15W Intel Core i3-1215U, 2P4E-core, up to 4.40 GHz, TDP 15W
System Memory	DDR5-4800 MHz, 1 x non-ECC SO-DIMM, up to 32GB
Chipset	SoC integrated
BIOS	AMI
Storage	1 x SATA 3.0 7P Connector (with 1 x SATA power header) 1 x M.2 Key-M Slot (NVMe SSD, 2280)
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	1 x M.2 Key-E Slot (PCIe + USB 2.0, Support Wifi + BT) 1 x M.2 Key-B Slot (USB 3.0, Support external SIM slot)
Power Input	DC-in 12V with power adapter
Dimensions	186 x 140 x 66 mm
Weight	1.53 Kg (Barebone)
Operating Temperature	-10°C to +60°C
Storage Temperature	-20°C to +70°C
Humidity	5% to 95% relative humidity, non-condensing

Rear I/O

USB	4 x USB 3.1
Display I/O	3 x HDMI
Audio I/O	1 x Line out + MIC
LAN I/O	3 x RJ-45, Intel i226-V 2.5 Giga LAN
Serial Port	2 x RS-232/485 (Optional)
PS/2 Port	-
Others	1 x DC 12V Power Input Connector

Graphics

Chipset	For i7, Intel Iris Xe Graphics, up to 96 EUs, 1.25GHz For i5, Intel Iris Xe Graphics, up to 80 EUs, 1.20GHz For i3, Intel UHD Graphics, up to 64 EUs, 1.10GHz
VGA	-
DVI	-
HDMI	Up to 4096 x 2160 @ 60Hz
Display Port	-
LVDS	-
eDP (Option)	-

Others

OS Support	Windows 10, Windows 11, Linux
Certifications	CE / FCC Class B
Mounting	VESA, Wall mount (Optional), DIN RAIL (Optional)

Ordering Information

TBOX-i3-1215U-3H	With Intel Core i3-1215U processor, 2P4E-core, up to 4.40GHz
TBOX-i5-1235U-3H	With Intel Core i5-1235U processor, 2P8E-core, up to 4.40GHz
TBOX-i7-1255U-3H	With Intel Core i7-1255U processor, 2P8E-core, up to 4.70GHz

Drawing (Unit: mm)

