

PRODUCT DESCRIPTION

- All aluminum structure with onboard Intel Core Ultra 100U series with built-in NPU for AI workload
- Support 3*HDMI 4K display port (supports synchronous and asynchronous dual display)
- Support 1*DDR5 4800 MHz SO-DIMM memory slot, Max. 32GB
- Support WIFI + 4G, 2*COM
- Support DC 12V input
- Support 1*M.2 2280 slot, 1*2.5" HDD / SSD

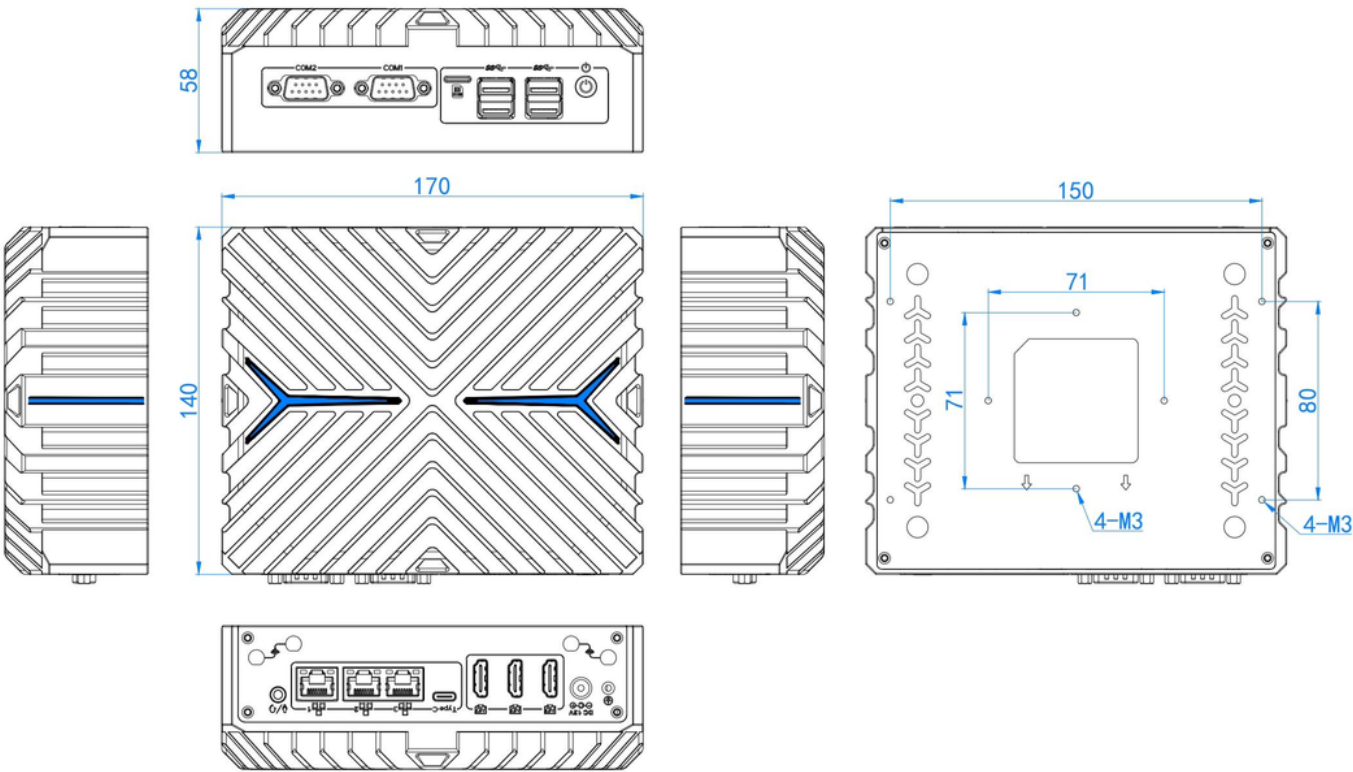
TECHNICAL SPECIFICATION

Model	AXBOX-M342
Color	Metallic Black (Colors can be freely customized)
Material	High quality all aluminium
Processor	• Onboard Intel Core Ultra 5 125U (12 core 14 threads, Max Turbo 4.3 GHz) • Onboard Intel Core Ultra 7 155U (12 core 14 threads, Max Turbo 4.8 GHz)
Memory	Support 1*DDR5 4800 SODIMM memory slot, Max. 32 GB
BIOS	AMI EFI BIOS
Display Chip	Intel Arc Xe-LPG Graphics
Display Port	3*HDMI with 4K, Support Synchronous or asynchronous dual display, Max. 4096×2160@60Hz display support
Front I/O	2*COM port (RS-232 mode), 1*SIM slot, 4*USB3.1, 1*Power button
Rear I/O	1*DC, 3*HDMI, 1*USB Type-C port, 3*LAN, 1*Audio jack
Expansion slot	Support 1*M.2 2280 M-Key slot (NVMe) Support 1*M.2 2230 E-key slot (PCIe & USB2.0, support 4G), External SIM card Support 1*Mini-PCIe slot (support WIFI, BT, 4G)
Network	3*Intel i226-V 100/1000/2500M Ethernet
Storage	Support 1*M.2 2280 slot, 1*2.5inch HDD
Input	Support DC 12V input
Other functions	Power-on, timed startup, network wake up, PXE startup, watchdog (level 0-255), TPM2.0 security encryption
Working temperature	0°C ~ +40°C (business HDD), -20°C ~ +50°C (Industrial SSD), Surface air low
Working humidity	5% ~ 95% Non-condensing state
Certification	CE, CCC, FCC Class A, RoHS
Dimension	170 * 140 * 58 mm
Weight	1.1 kg
Application	Industrial Control, Industrial Automation, Robot, IoT gateway, Edge computing, Machine Vision, AGV/ARM, etc.

APPLICABLE OS:



AXBOX-M342 Drawing

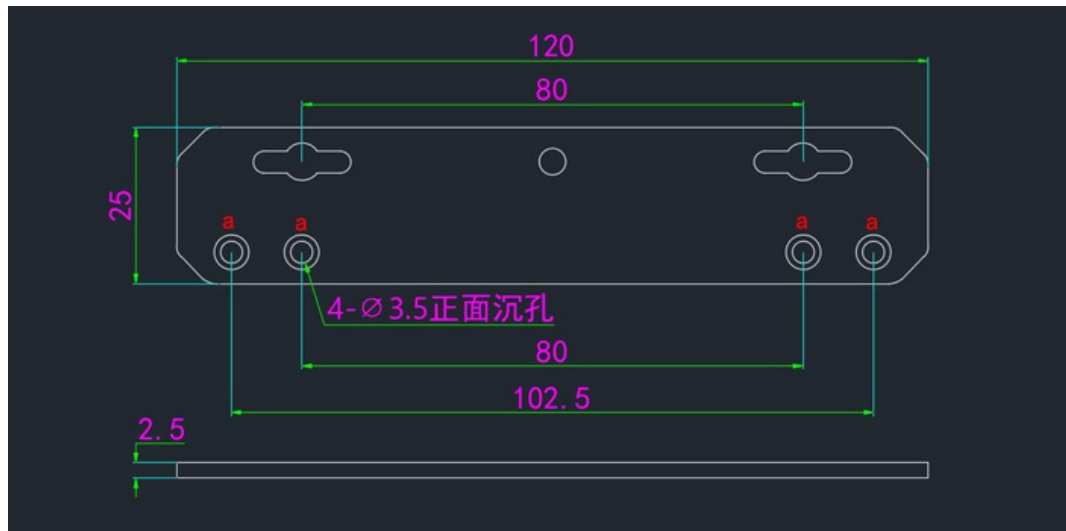
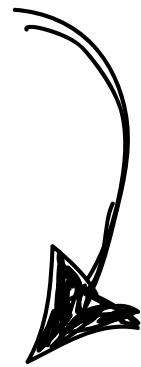
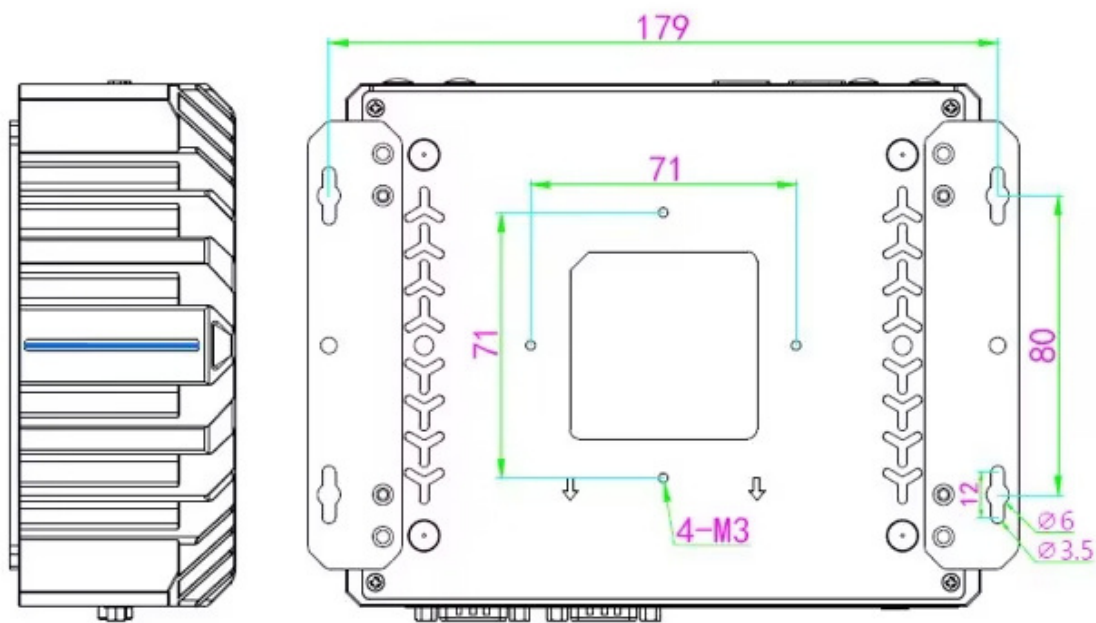


Packing list

Name	Quantity	Note
Power adapter	1	Recommend 12V 7.5A
Power cable	1	CN、US、UK、EU.etc
VESA mount	1	Standard

Configuration

Config. 1	AXBOX-M342	Onboard Intel Core Ultra 5 125U	Standard I/O
Config. 2		Onboard Intel Core Ultra 7 155U	Standard I/O



AXBOX-M342 wall mount bracket