

Autonomous /
DeviceEdge

NVIDIA Jetson Thor Module
AIB-THOR-ES (Preview Kit)



*Preliminary



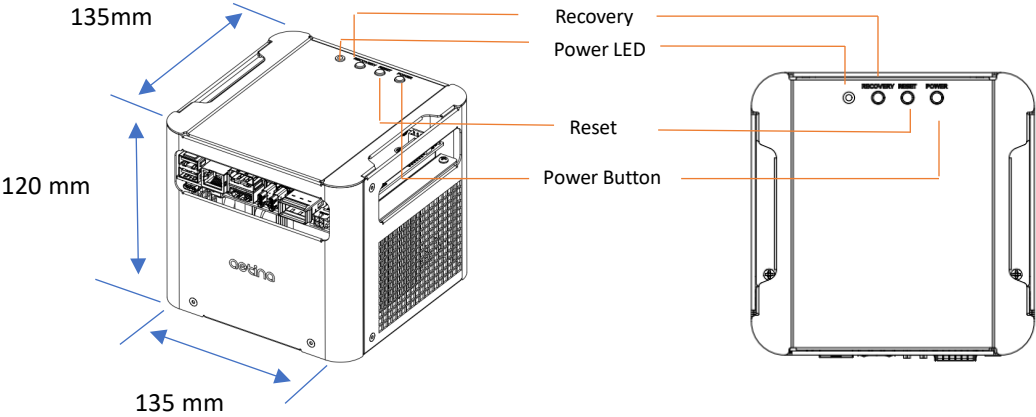
Features

- Supports NVIDIA® Jetson T5000™
- 14 Cores CPU
- AI Power up to 2070FP4/TFLOPS
- 1TB NVMe SSD
- Support QSFP28 up to 100Gbps
- Support M.2 E/M key expansion

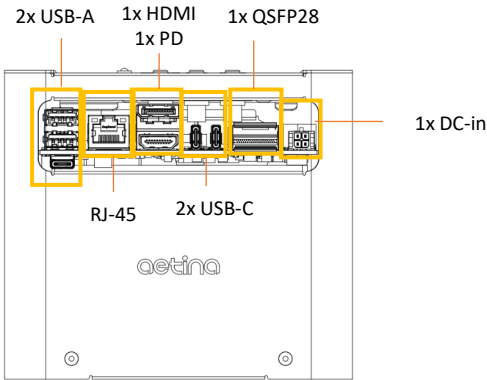
Specifications

Model Number	AIB-THOR-ES
Module Compatibility	NVIDIA® Jetson T5000™
AI Performance	2070 FP4 / 1035 FP8 TFLOPS
CPU	14-core Arm® Neoverse®-V3AE 64-bit CPU
Memory	128 GB 4266MHz 256-bit
Display	1 x HDMI 2.0b 1 x DP 1.4a
LAN	1 X RJ45 5GbE
USB	2 x USB-C 3.2 Gen 2 2 x USB-A Gen 2
I/O Interfaces	1 x QSFP28 Slot 1 x HD Audio Header 1 X 12-pin Automation Header 1 x 26-pin CAN Header
Expansion	1 x M.2 M with NVMe Storage 1 x M.2 E with WIFI/BT
Power Input / Connector	9V-28V
Dimension (W x D)	135 mm x 135mm x 120mm
Net Weight	1.65 kg
Temperature	Operating Temp.: -25°C ~ +55°C Storage Temp.: -40°C ~ +85°C
Humidity	95% (non-condensing)
Support	NVIDIA JetPack™ 7.0

System & Mounting Dimensions



I/O Mechanical Layout



Ordering Information

Model name	Description
------------	-------------