

AI@Edge Compact Fanless Embedded BOX PC with NVIDIA AGX Orin

Front View



Rear View



Features

- NVIDIA® Jetson AGX Orin
- 32GB LPDDR5x
- Multi-storage option: 64GB eMMC / MicroSD slot / 2.5 drive bay
- Support M.2 Key E / M.2 Key B / M.2 Key M
- Support GbE LAN x 2

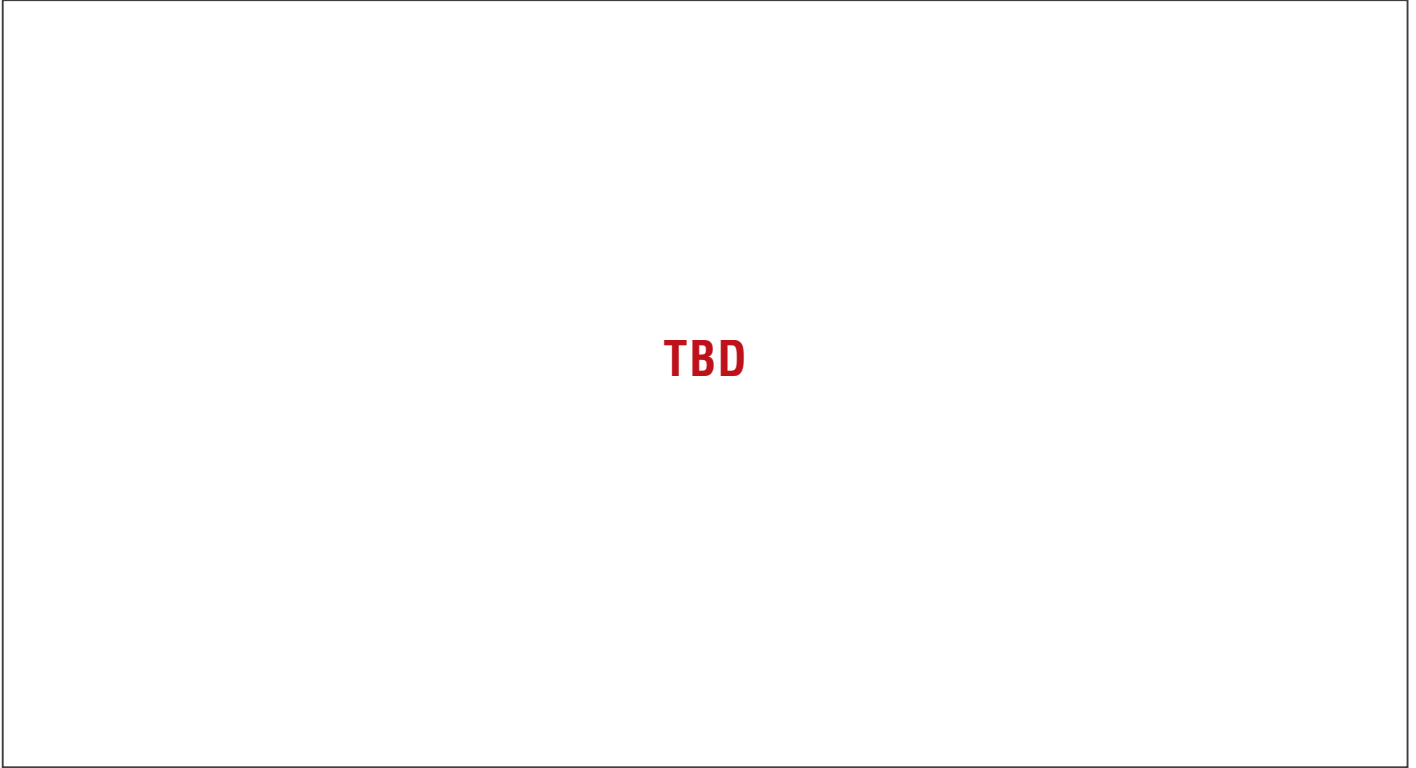


Specifications

System	
AI Accelerator	NVIDIA® AGX Orin
CPU	8-core ARM v8.2 64bit CPU, 2MB L2 + 4MB L3
System Memory	32GB 256-Bit LPDDR5x 205GB/s
Storage Device	64GB eMMC 5.1 x 1 MicroSD slot x 1 SATA drive bay x 1
Display Interface	HDMI Type A for HDMI 2.0 x 1
Ethernet	RJ-45 for GbE LAN x 2
I/O	USB Type A for USB 3.2 Gen 2 x 2 USB Type C for USB 3.2 Gen 2 with USB OTx 1 USB Type A for USB 2.0 x 3 Micro USB x 1 for OS Flash RJ-45 for GbE LAN x 2 Mic in and Lin out x1 Reset Button x 1 Recovery Button x 1 MicroSD card slot x 1 Antenna opening x 2 HDMI Type A for HDMI 2.0 output x 1 Power Button x 1
Expansion	M.2 E-Key 2230 (for WiFi) x 1 M.2 B-Key x1 M.2 M-Key x1 SATA port for 2.5" drive x 1 RS-232/422/485 pin header x 2
Indicator	Power LED x 1
OS Support	Linux (NVIDIA Jetpack 5.0 and above)
Power Supply	
Power Requirement	12V DC with lockable DC Jack
Mechanical	
Mounting	Wall mount kit
Dimensions (W x D x H)	7.09 " x 5.35 " x 2.41" (180.0 mm x 136.0 mm x 61.1 mm)
Gross Weight	4.63 lbs. (2.1 kg)
Net Weight	2.87 lbs. (1.3 kg)
Environmental	
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C with 0.5 m/s airflow)
Storage Temperature	-40°F ~ 158°F (-40°C ~ 70°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	3.5Grms / 5~500Hz / operation-eMMC, MicroSD or mSATA
Anti-Shock	50G peak acceleration (11 msec. duration, eMMC, microSD, or mSATA)
Certification	CE / FCC class A

Dimension

Unit: mm



Ordering Information

- TBD

Optional Accessories

- **1255X00035**
120W Power Adapter
- **1702031802**
Power Cord (US type)
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)

Packing List

- Wallmount Bracket x 2
- Power Connector x 1
- Screw Package x 1
- BOXER-8641AI