BOXER-8230AI PRELIMINARY

AI@Edge Compact Fanless Embedded BOX PC with NVIDIA® Jetson™ TX2 NX

AI@Edge Solutions

Front View

Power Button

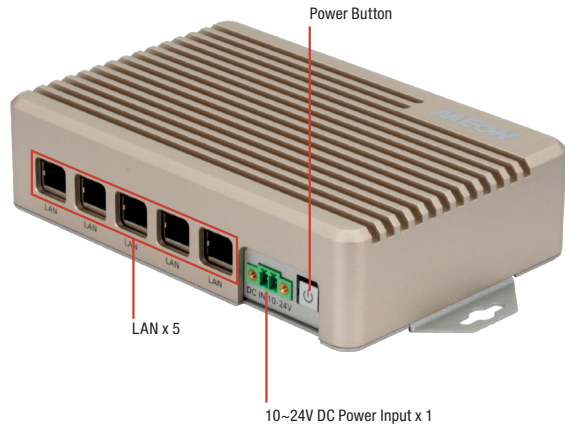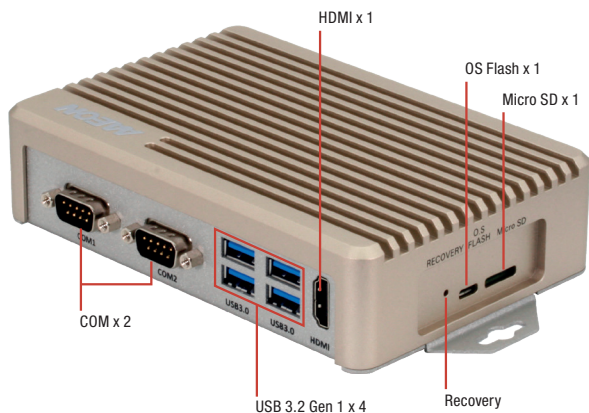
LAN x 5

10~24V DC Power Input x 1

Features

- **NVIDIA® Jetson™ TX2 NX**
- **8GB LPDDR4**
- **Multi-storage option: 16GB eMMC / MicroSD slot / 2.5 drive bay**
- **GbE LAN x 5**
- **USB 3.2 Gen 1 x 4**
- **Wide voltage DC-in 10-24Vdc**

Specifications

System	
AI Accelerator	NVIDIA® Jetson™ TX2 NX
CPU	NVIDIA® Denver 2 (Dual-Core) Processor & ARM® Cortex® -A57 MPCore (Quad-Core) Processor
System Memory	4GB 128-bit LPDDR4 @ 1600 MHz
Storage Device	eMMC 5.1 16GB Micro SD card slot x 1 2.5" SATA drive bay x 1 (for high version)
Display Interface	HDMI Type A x 1 for HDMI 2.0
Ethernet	RJ-45 x 5 for GbE LAN
I/O	USB Type A x 4 for USB 3.2 Gen 1 DB-9 x 2 for RS-232 HDMI Type A x 1 for HDMI 2.0 MicroSD slot x 1 Micro USB x 1 for O.S Flash Recovery button x 1 Power button with power LED x 1 Antenna opening x 2
Expansion	SATA III (6.0 Gbps) Port x 1 for 2.5" SATA drive (for high version)
Indicator	Power LED x 1
OS Support	nVIDIA Ubantu 18.04
Power Supply	
Power Requirement	DC-in 10V~24V with 2-pin terminal block ATX mode
Mechanical	
Mounting	Wall mount kit
Dimensions (W x D x H)	6.92" x 3.94" x 1.54" (175.8mm x 100.0mm x 39.0mm) 6.92" x 3.94" x 2.41" (175.8mm x 100.0mm x 61.3mm, High version)
Gross Weight	TBD
Net Weight	TBD
Environmental	
Operating Temperature	5°F ~ 149°F (-15°C ~ 65°C, according to IEC60068-2 with 0.5 m/s AirFlow) 5°F ~ 158°F (-15°C ~ 70°C, according to IEC60068-2 with 0.5 m/s AirFlow, High version)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	3.5Grm / 5~500Hz / operation (eMMC, MicroSD, or SSD)
Anti-Shock	50G peak acceleration (11 msec. duration, eMMC, microSD, or SSD)
Certification	CE / FCC class A

Rear View

HDMI x 1

OS Flash x 1

Micro SD x 1

COM x 2

USB 3.2 Gen 1 x 4

Recovery

Note: All specifications are subject to change without notice.