

# BOXER-8140AI

Fanless Embedded AI controller with ARM + Nvidia Jetson TX2 Platform

Front View



Side View



## Features

- Nvidia TX2 Module
- 6 Core Processor + GPU
- 8GB LPDDR4
- Onboard 32G eMMC, MicroSDx1
- HDMI Display
- USB 3.0 x 4
- GbE LAN x 1
- RS-232/422/485 x2
- CANBUS x1
- M.2 Slot x 1 w/ SIM Slot
- Remote On/Off
- Compact Size chassis

Certification	CE/FCC class A
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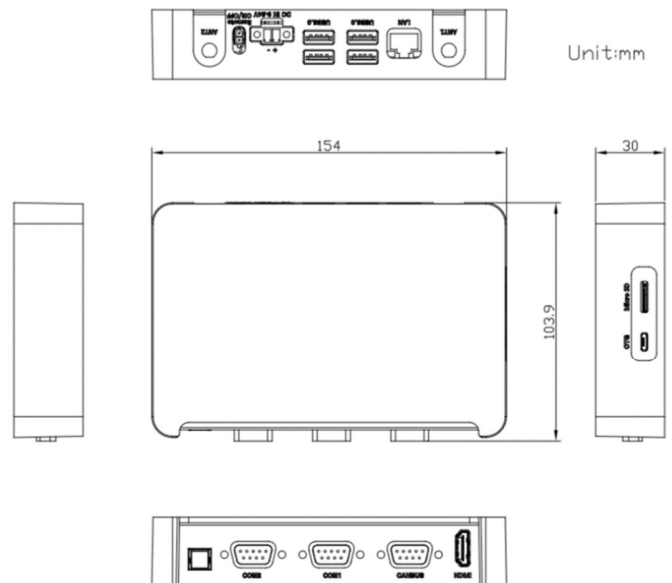
## Specifications

Processor Module	Nvidia Jetson TX2
CPU	HMP Dual Denver 2/2 MB L2 + Quad ARM® A57/2 MB L2
GPU	NVIDIA Pascal™ , 256 CUDA
System Memory	8 GB 128-bit LPDDR4, 59.7 GB/s
Display Interface	HDMI 2.0 x 1
Storage Devices	Onboard 32GB eMMC (via Jetson TX2) MicroSD x1
Front I/O	USB Type A x 4 for USB 3.0 RJ-45 x 1 for GbE LAN Ethernet Remote on/off switch x 1
Rear I/O	DB-9 Male x 2 for RS-232/422/485 DB-9 Female x 1 for CANBUS*2 Antenna opening x 2
Side I/O	MicroSD x 1 OTG x 1
Expansion	M.2 B-key w/SIM card for 4G (PCIe/USB)
Power Requirement	2-pin 9~28V DC-in x1
Mounting	Wall Mounting Bracket
Operating Temp.	-20°C ~ 50°C with 0.5m/s airflow
Anti-Vibration	Random, 5 Grm, 5~500Hz

## Dimension

Dimension	153mm (W) x 101mm (D) x 30mm (H)
Gross Weight	TBD
Net Weight	TBD
OS	Linux Ubuntu 16.04

Unit: mm



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## General information



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