

Preliminary

BOXER-8130AI

Fanless Embedded AI controller with ARM + Nvidia Jetson TX2 Platform

Front View



Side View



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 核心
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)
Front I/O	USB Type A x 2 for USB 3.0
	RJ-45 x 1 for GbE LAN Ethernet
	DB-9 x 1 for RS-232
	Remote on/off switch x 1
Side I/O	Antenna opening x
	MicroSD x 1
Power Requirement	OTG x 1
	2-pin 9~28V DC-in x1
Mounting	Wall Mounting Bracket
Operating temperature	-20°C ~ 50°C with 0.5m/s airflow
Anti-Vibration	Random, 5 Grm, 5~500Hz
Certification	CE/FCC class A

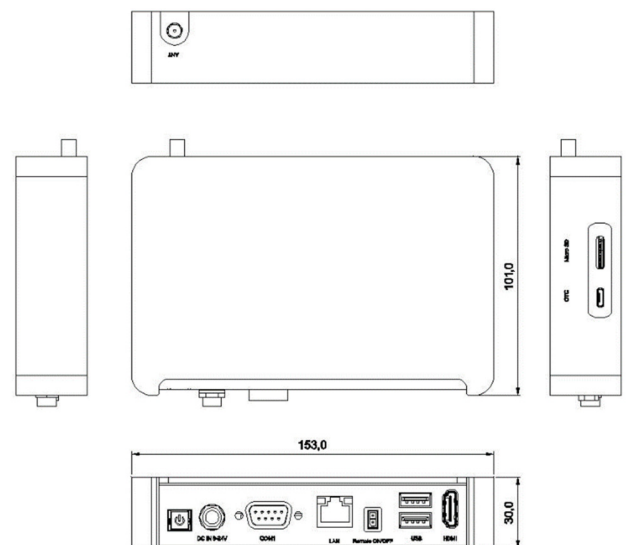
Features

- Nvidia TX2 Module
- 6 Core Processor + GPU
- 8GB LPDDR4
- Onboard 32G eMMC
- HDMI 2.0 Display
- USB 3.0 x 2
- GbE LAN x 1
- RS-232 x1
- Compact Size chassis

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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