

EM-JetBox TX2

Passive cooled embedded GPGPU System



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- ✱ Nvidia Jetson TX2 GPU
- ✱ 8 GB LPDDR4 Memory (optional 4 GB)
- ✱ 32 GB eMMC Flash and optional Micro-SD card slot (optional 16 GB eMMC Flash)
- ✱ Up to 2 serial ports on Sub-D 9 connectors (optional)
- ✱ Up to 2 CAN-Bus interfaces on Sub-D 9 connectors (optional)
- ✱ WiFi 802.11 and Bluetooth incl. antennas (optional)
- ✱ Solid Aluminum housing - fanless
- ✱ L4T / Ubuntu 16.04 Linux Operating System
- ✱ Mounting Options: Desktop, DIN-Rail or Wall-mount

EM-JetBox TX2 is a small form factor rugged, fanless and powerful Embedded GPGPU system based on Nvidia Jetson TX2 GPU with several mounting options.

Target Applications:

- Deep Learning
- Robotic Systems
- Security and Surveillance
- Industrial Inspection

JetBox	GPU	NVIDIA® Jetson™ TX2 System on Module Pascal™ Architecture GPU w/256 CUDA® cores
	CPU	NVIDIA Denver 2 Dual-Core ARM® CPU + Cortex® A57 Quad-Core ARM® CPU
	Memory	8 GB LPDDR4 (optional 4 GB)
	Storage	32 GB eMMC 5.1 (optional 16 GB)
Interfaces	Ethernet	1x Gigabit Ethernet RJ-45
	USB	1x USB 2.0, 2x USB 3.0
	Graphic Ports	1x HDMI
	Serial Ports	1x RS-232, 2x CAN-Bus (internal)*
	Digital I/O	4x GPIO (internal)* * external connectors available on request
Expansion	Micro SD Card	optional
Mechanical	Mounting	Desktop, DIN-Rail or wall-mount
	Dimensions (W x H x D)	90 x 44 x 60 mm
	Weight	<1.0 kg (depending on accessories)
Power	Input Voltage Range	12 VDC
Power Consumption	Typical	~10 W
Environment	Operating Temperature	0°C to 55°C (Extended Temp. optional)
	Storage Temperature	-20°C to +85°C
Software Support	Linux	L4T / Ubuntu 18.04

Ordering Information

Configuration	Description	Order Code
EM-JetBox TX2	Embedded GPGPU System with Jetson TX2, Desktop	A09624
EM-JetBox TX2 4GB	Variant with 4 GB LPDDR4 and 16 GB eMMC 5.1	A09656

Contact

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