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# TERA-AI

Compact Fanless AI Box:  
NVIDIA Jetson CPU Board + LJT001

## Features:

- NVIDIA Jetson Nano: ARM<sup>®</sup> Cortex<sup>®</sup>-A57 MPCore (Quad Core)
- NVIDIA Jetson TX2 NX: Denver 2 (Dual Core) / ARM A57 Complex (Quad Core)
- Memory: LPDDR4, 4GB ; 1 x HDMI, 1 x 2.5GbE ; 1 x GbE, Mic-in / Line-out
- 1 x M.2 B key 4 x USB 2.0 ; 1 x USB 2.0 (Micro OTG)
- 1 x Micro SD, 1 x Nano SIM ; 1 x RS232, 1 x CANBus (Jetson TX2 NX)

## Specifications :

Motherboard	NVIDIA Jetson CPU Board + LJT001	
CPU	NVIDIA Jetson Nano: ARM <sup>®</sup> Cortex <sup>®</sup> -A57 MPCore (Quad Core) NVIDIA Jetson TX2 NX: Denver 2 (Dual Core) / ARM A57 Complex (Quad Core)	
Chipset	NVIDIA Jetson Nano: NVIDIA Maxwell GPU NVIDIA Jetson TX2 NX: NVIDIA Pascal GPU	
Memory	LPDDR4, 4GB	
Storage	16GB eMMC 5.1 ; 1 x Micro SD	
M.2	1 x M.2 B key 3042 (PCIe / USB 3.0 / 2.0)	
I/O ports	Network	1 x 2.5GbE ; 1 x GbE
	USB	2 x USB 2.0 (external) ; 2 x USB 2.0 (internal) 1 x USB 2.0 (Micro OTG)
	Serial ports	1 x RS232 ; 1 x CANBus (Jetson TX2 NX)
	Display	1 x HDMI
	SIM Card	1 x Nano SIM
	DIO	4DI / 4DO
	Audio	Mic-in / Line-out
	Optional Modules & Accessory	M.2 Module: 4G, 5G, PCIe Wall Mount Kit

## Mechanical

Dimensions	145W x 102.4D x 56.5H mm
Weight	0.9 kg
Mounting	Wall Mount*

## Power

DC input	+12~24V
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## Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

## Dimension

