

# EC-3200 AIoT Edge Computing on NVIDIA® Jetson Tegra X2



## Features

- NVIDIA Jetson TX2, Quad Core, 64-bit, 256 CUDA cores
- 8GB Memory/ 32GB eMMC 5.1/ Single GbE
- 2x M.2 socket (M2280 & E3042), support SSD/WiFi/BT/LTE
- Fanless design, Operating temperature range from -20°C to +60°C
- Designed for wall-mounting and DIN rail mounting
- Custom made BSP based Ubuntu 16.04, Jetpack 3.2.1 and L4T 28.2

## Specifications

System Board	NVIDIA Jetson TX2 SOM + Carrier Board
Processor	Dual-Core NVIDIA Denver 2 64-Bit CPU Quad-Core ARM® Cortex®-A57 MPCore
Graphics	NVIDIA Pascal™ 256 CUDA core GPU@1.3GHz
System Memory	8GB LPDDR4 on board
Storage	32GB eMMC
Color	Black & tangerine
Display	1x HDMI 1.4
Network	1x GbE LAN 2x antenna connectors for Wi-Fi 802.11AC and BT4.0
Front I/O	1x RJ45 GbE LAN 1x HDMI 2x USB 3.0 2x USB 2.0 1x MIC line in 1x line-out 1x power button with Green LED 1x recover button 1x reset button 4x LED indicators
Rear I/O	4x Antenna connector
Side I/O	1x COM or CAN 1x Micro-USB 1x 4-in & 4-out GPIO
Expansion Slots	1x M.2 @2280 M-key 1x M.2 @3042 B-key
Dimensions	127mm(W) x 137mm(D) x 46 mm(H) 5" (W) x 5.39" (D) x 1.81" (H)
Mounting	Wall mounting and DIN rail mounting
Operating Temperature	-20 ~ 60 °C
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	5%~90%@45°C (non-condensing)

## Ordering Information

EC-3200	NVIDIA Jetson TX2, Quad, 64-bit, 256 CUDA cores 8GB Memory/ 32GB eMMC/ Single GbE/ HDMI/ WiFi/ BT/ SIM card Slot/ CAN Bus or RS232/ 4-in & 4-out GPIO/ 2x USB3.0/ 2x USB2.0/ OTG USB
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## Dimensions

