



## EC-3200 – Fanless Embedded System Equipped with NVIDIA® Jetson Tegra X2 for AIoT Edge Applications

The EC-3200 is a fanless embedded system that is both power-efficient and high-performance. By pairing a dual core NVIDIA® Denver 2 with a quad-core ARM® Cortex®-A57 processor, this system delivers exceptional AI performance. The EC-3200's extended temperature and small footprint allows for deployment in most industrial settings.

### SPECIFICATIONS

<b>CPU</b>	Dual-Core NVIDIA® Denver 2 64-Bit CPU Quad-Core ARM® Cortex®-A57 MPCore
<b>Memory Type</b>	Onboard LPDDR4
<b>Maximum Memory Supported</b>	8 GB
<b>Integrated Graphics</b>	NVIDIA Pascal™ 256 CUDA core GPU @ 1.3GHz
<b>Storage</b>	Onboard 32GB eMMC 5.1
<b>Video</b>	1 x HDMI
<b>LAN Ports</b>	1 x RJ45 GbE LAN, 2 x antenna connectors for Wi-Fi 802.11AC and BT4.0
<b>GPIO Interface</b>	1 x 10-pin 4-in & 4-out GPIO Terminal Block
<b>Extended Interface</b>	1 x M.2 M-Key 2280, 1 x M.2 B-Key 3042
<b>Front I/O</b>	1 x LAN, 1 x HDMI, 2 x USB 3.0, 2 x USB 2.0, 1 x Mic-In, 1 x Line-Out
<b>Rear I/O</b>	4 x Antenna Connectors
<b>Additional I/O</b>	1 x COM or CANbus, 1 x Micro-USB, 1 x 10-pin GPIO Terminal Block
<b>Dimensions</b>	5" x 5.39" x 1.81" (127mm x 137mm x 46mm)
<b>Operating Temperature</b>	-4 ~ 140°F (-20 ~ 60°C)
<b>Storage Temperature</b>	-4 ~ 176°F (-20 ~ 80°C)
<b>Relative Humidity</b>	5 ~ 90% @ 45°C, non-condensing
<b>OS Software Supported</b>	Custom made BSP based Ubuntu 18.04, Jetpack 4.6 and L4T 32.6.1
<b>Global P/N / SKU</b>	1708280

## Ordering Options

EC-3200 (1708280A): Fanless Embedded System with NVIDIA Jetson TX2, 8GB Memory, 32GB eMMC Storage