

JETSON TX2 DEVELOPER KIT

PART NUMBER: 945-82771-0000-000



DESCRIPTION

The Jetson TX2 Developer Kit gives you a fast, easy way to develop hardware and software for the Jetson TX2 AI supercomputer on a module. It exposes the hardware capabilities and interfaces of the developer board, comes with design guides and other documentation, and is pre-flashed with a Linux development environment. It also supports NVIDIA Jetpack—a complete SDK that includes the BSP, libraries for deep learning, computer vision, GPU computing, multimedia processing, and much more.

TECHNICAL DETAILS

JETSON TX2 MODULE

- NVIDIA Pascal™ Architecture GPU
- 2 Denver 64-bit CPUs + Quad-Core A57 Complex
- 8 GB L128 bit DDR4 Memory
- 32 GB eMMC 5.1 Flash Storage
- Connectivity to 802.11ac Wi-Fi and Bluetooth-Enabled Devices
- 10/100/1000BASE-T Ethernet

JETSON CAMERA MODULE

- 5 MP Fixed Focus MIPI CSI Camera

BUTTONS

- Power On/Off
- Reset
- Force Recovery
- User-Defined

I/O

- USB 3.0 Type A
- USB 2.0 Micro AB (supports recovery and host mode)
- HDMI
- M.2 Key E
- PCI-E x4
- Gigabit Ethernet
- Full-Size SD
- SATA Data and Power
- GPIOs, I2C, I2S, SPI, CAN*
- TTL UART with flow control
- Display Expansion Header*
- Camera Expansion Header*
 - *I/O expansion headers: refer to product documentation for header specification.

POWER OPTIONS

- External 19V AC Adapter

KIT INCLUDES

- NVIDIA Jetson TX2 Developer Board
- AC Adaptor
- Power Cord
- USB Micro-B to USB A Cable
- USB Micro-B to Female USB A Cable
- Rubber Feet (4)
- Quick Start Guide
- Safety Booklet
- Antennas to Connect to Wi-Fi-Enabled Devices (2)