The most innovative technology for GPU-enabled AI computing comes in a supercomputer the size of a credit card. Its rugged design, small form factor, and reduced power envelope make the NVIDIA® Jetson™ TX2i module ideal for high-performance edge computing devices such as industrial robots, machine vision cameras, and portable medical equipment. Jetson TX2i features a variety of standard hardware interfaces that make it easy to integrate into a wide range of products and forms factors. Plus, it comes with the complete NVIDIA Jetpack SDK, which includes the BSP, libraries, and APIs required to accelerate your software development. Designed for reliable operation in harsh industrial environments, Jetson TX2i gives you long operating life (MTBF) and an extended warranty and sales lifecycle.

For detailed specifications, design guides, Jetpack, and everything else you need to develop with Jetson, go to developer.nvidia.com/jetson.

**KEY FEATURES**
- NVIDIA Pascal™ architecture GPU
- Dual-core Denver 2 64-bit CPU and quad-core ARM® A57 complex
- 8 GB 128-bit LPDDR4 (ECC support)
- 32 GB eMMC 5.1
- Voltage input: 9 V-19.6 V DC
- Module power: 10 W – 20 W
- Operating temperature: -40°C to 85°C
- Humidity: 95% RH, -10°C to 65°C (non-condensing)
- Shock: 40 G, half sine 1 ms duration
- Vibration: 5 G RMS, 10 to 500 Hz (random/sinusoidal)
- Display: Up to 6 cameras (2 lane)
- CSI D-PHY 1.1 (2.5 Gbps/lane)
- Data Storage: 32 GB eMMC, SDIO, SATA
- USB: USB 3.0 + USB 2.0
- Connectivity: 1 Gigabit Ethernet
- Power: Voltage input: 9 V-19.6 V DC
- Module power: 10 W – 20 W
- Software: NVIDIA Linux for Tegra® driver package, including Ubuntu-derived sample file system, AI, compute, multimedia and graphics libraries, and APIs
- Technical Specifications
- CPU
  - Dual-core Denver 2 64-bit CPU and quad-core ARM® A57 complex
  - 8 GB 128-bit LPDDR4 (ECC support)
  - 32 GB eMMC 5.1

**CONTENTS**
> NVIDIA Jetson TX2i
> Attached Thermal Transfer Plate (TTP)

**TECHNICAL SPECIFICATIONS**

**FEATURES JETSON TX2i**

- NVIDIA Pascal, 256 NVIDIA CUDA® cores
- Dual-core Denver 2 64-bit CPU and quad-core ARM® A57/2MB L2
- 8 GB 128-bit LPDDR4 (ECC support)
- 32 GB eMMC, SDIO, SATA
- USB 3.0 + USB 2.0
- Connectivity: 1 Gigabit Ethernet
- Power: Voltage input: 9 V-19.6 V DC
- Module power: 10 W – 20 W
- Software: NVIDIA Linux for Tegra® driver package, including Ubuntu-derived sample file system, AI, compute, multimedia and graphics libraries, and APIs

**NVIDIA JETSON TX2i**

**BRING AI AT THE EDGE TO EXTREME INDUSTRIAL ENVIRONMENTS.**