EXTEND AI PERFORMANCE TO INDUSTRIAL ENVIRONMENTS WITH THE HIGH-PERFORMANCE, LOW-POWER JETSON TX2i.

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 it into a wide range of products and form factors. Plus, it comes with the complete NVIDIA Jetpack SDK, which includes the BSP, libraries for deep learning, computer vision, GPU computing, multimedia processing, and much more to accelerate your software development. Designed for reliable operation in harsh industrial environments, Jetson TX2i provides long operating life (MTBF) and comes with 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

Jetson TX2i Module
- 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

Power
- Voltage input: 9 V-19.6 V DC
- Module power: 10 W – 20 W*

Software
- NVIDIA Linux for Tegra® driver package, including Ubuntu-based sample file system
- AI, Compute, Multimedia, and Graphics libraries and APIs

Environment
- Operating temperature: -40C – 85C
- Storage temperature: -40C – 85C
- Humidity: 95%RH, -10C to 65C (non-condensing)
- Vibration: 5 G RMS 10 to 500 Hz (random/sinusoidal)
- Shock: 140 G, half sine 2 ms duration

Visit www.nvidia.com/jetson to learn more.

* Power and thermal solution: refer to the OEM Product Design Guide and the Thermal Design Guide
** I/O expansion headers: refer to product documentation for header specification
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