

NSO-MD-TX2

Features

- Powered by NVIDIA TEGRA X2 processor - the powerful new NVIDIA Pascal™ architecture, 256 GPU cores, a 64-bit CPU.
- CPU complex combines a dual-core NVIDIA Denver 2 alongside a quad-core ARM Cortex-A57
- Balanced power envelope suitable for mobile/embedded environments.
- Support H.265 video decode and encode.
- Ideal for Intelligent Video Analytics (IVA), Telepresence, Drones, Robotics, Gaming Devices, Virtual Reality(VR), Augmented Reality(AR), Portable Medical Devices.

Specification

Processor

- NVIDIA Tegra X2
- HMP Dual Denver 2 / 2 MB L2 + Quad ARM® A57 / 2 MB L2

Graphics

- NVIDIA Pascal™, 256 CUDA cores
- 1.5 TeroFLOPS

Memory

- 8GB 128bit LPDDR4

Mass Storage

- 32GB eMMC5.1 Flash

LAN Port

- Gigabit Ethernet
- WiFi/BT antenna connectors

PMIC

Thermal Transfer Plate

400-pin board-to-board connector*

Power Supply

- +19V_{DC}

Dimensions

- 87 mm x 50 mm

Operating Temperature

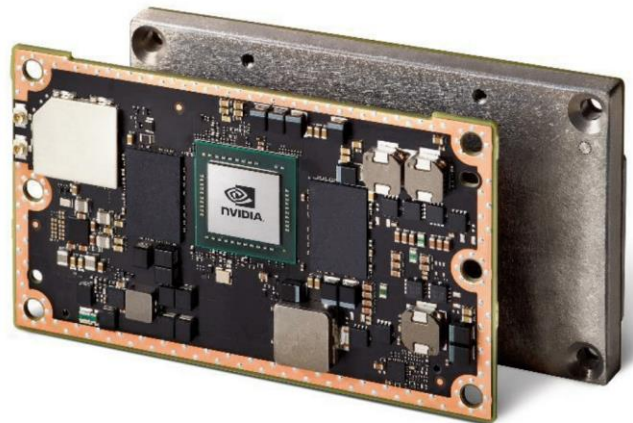
- 0°C ~ +55°C (Standard Version)
- -20°C ~ +70°C (Optional)

Operating Humidity

- 10% ~ 90%

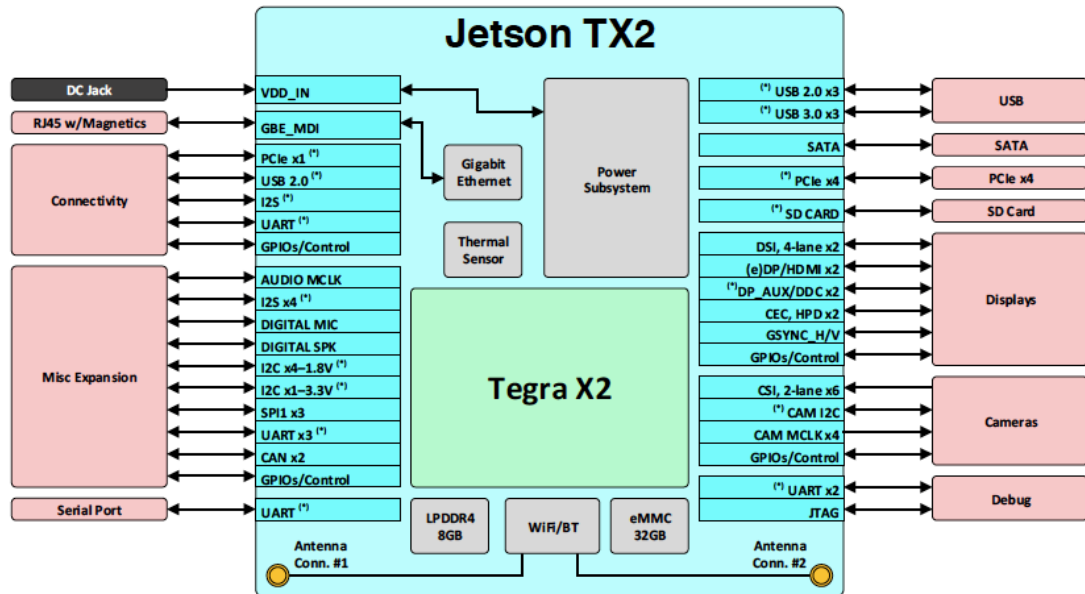
Storage Temperature

- -40°C ~ +125°C



NSO-MD-TX2

Block Diagram



Mechanical

