

# NSO-MD-TX2i

## Features

- Powered by Industrial Grade 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
- LPDDR4 ECC memory support.
- Balanced power envelope suitable for mobile/embedded environments.
- Wide Temperature support. Range -40°C to 85°C
- 10 years Longevity support.
- 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 Industrial Grade
- ECC support

### Mass Storage

- 32GB eMMC5.1 Flash Industrial Grade

### LAN Port

- Gigabit Ethernet

### PMIC

- MAX20024 Industrial Grade

### Thermal Transfer Plate

### 400-pin board-to-board connector

### Power Supply

- 9.0~+19.6V<sub>DC</sub>

### Module Power

- 10W(Max-Q) / 20W(Max-P)

### Dimensions

- 87 mm x 50 mm

### Operating Temperature

- -40°C ~ +85°C

### Operating Humidity

- -10°C to 65°C / 95% RH, 240 hours

### Storage Temperature

- -40°C ~ +125°C



## Block Diagram

