Features

- Fanless and ruggedized design.
- Extended temperature range -20°C to 55°C.
- Specifically designed for high performance and flexibility develop AI computing.
- Suitable for industrial inspection, surveillance.

Specifications

NX Processor
- NVIDIA® Jetson Xavier™ NX processing
- GPU: 384-core NVIDIA Volta™ GPU with 48 Tensor Cores
- CPU: 6-core NVIDIA Carmel ARM®v8.2 64-bit
  - CPU 6MB L2 + 4MB L3
- Memory: 8 GB 128-bit LPDDR4
- Storage: 16GB eMMC 5.1
- Performance: 14 TOPS (INT8) at 10W
  - 21 TOPS (INT8) at 15W
- Dimension: 69.6 x 45mm (260-pin SO-DIMM connector)

System Carrier Board
- AN110

Module
- NVIDIA Xavier NX

Material
- SECC

Chassis Color
- Black

Standard I/O
- Power Button
- 1x HDMI Type A
- 1x RJ-45 for GbE
- 2x USB3.2 Gen1 Type A
- 1x USB2.0 AB OTG
- 2x DB9 connector (1x RS-232 / 2 x UART / 1 x I2C / 5 x GPIO)
- 1x Micro SD
- 1x DC Jack

Power Supply
- DC-in 12V

Dimension
- 120(W)x72.5(D)x100(H)mm

Operating Temperature
- -20°C ~ +55°C

Operating Humidity
- 10% ~ 95%

Storage Temperature
- -40°C ~ +85°C
Nvidia TX1/TX2 System

Block Diagram

Dimension