

AX710

Features

- Specifically designed for high performance and low-power envelope AI computing.
- Additional driver to support Embedded peripheral modules for multiple I/O expansion capability.
- On-board 2x HDMI, 1x M.2 M Key, 1x M.2 E Key and 3x RJ45 to support rich multimedia.
- Extended temperature range -25°C to 80°C
- Suitable for general robotics, UAV, industrial inspection, medical imaging and deep learning.
- 4x iPEX connector to support Aetina MIPI CSI-II adapter
- 60 pins extension slot for PCIe8.

Specifications

Form Factor

- 112 x 107mm

Support Module

- NVIDIA Jetson AGX Xavier (100 x 87mm)

I/O Interface

- 2x HDMI Type A
- 3x RJ-45 for GbE(1x Onboard, 2x Extension adapter)
- 2x USB3.0 Type A
- 1x USB Type C (Support USB 2.0)
- 1x USB2.0 AB OTG
- 1x M.2 M Key
- 1x M.2 E Key
- 2x CAN BUS
- 1x Front Panel
- 1x RS-232 / 3 x UART / 1 x I2C / 5 x GPIO
- 1x DC-in 9V~20V
- 4x I-PEX Connector (Each one for 4 Lanes)
- 1x Extension slot (60pins)

Operating Temperature

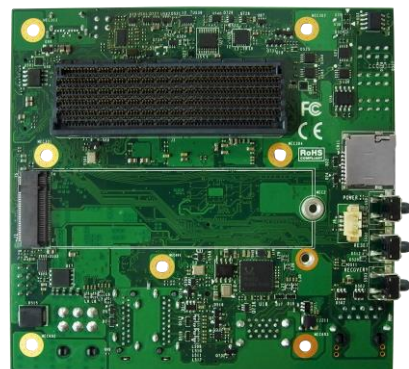
- -25°C ~ 80°C

Operating Humidity

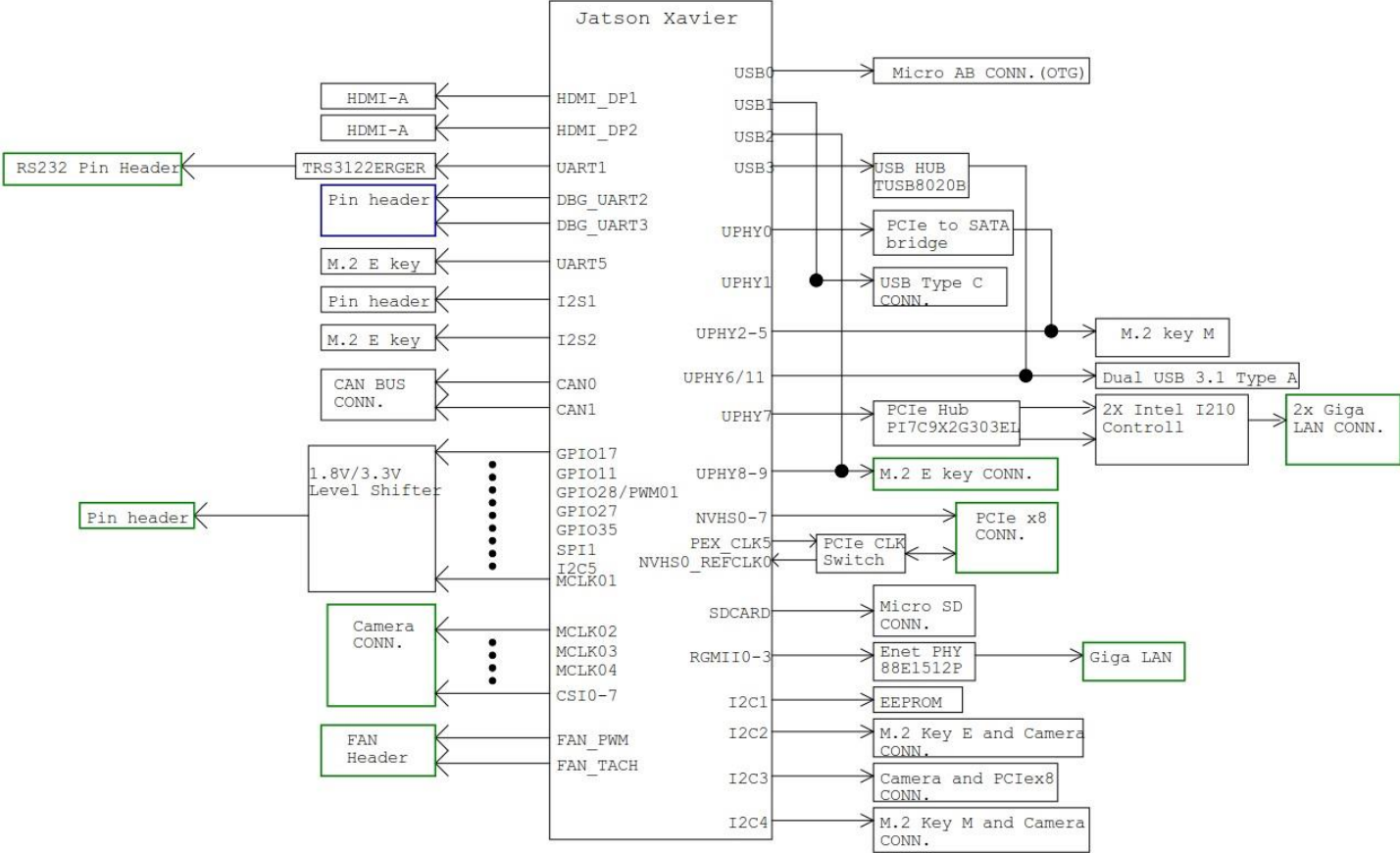
- 10% ~ 90%

Storage Temperature

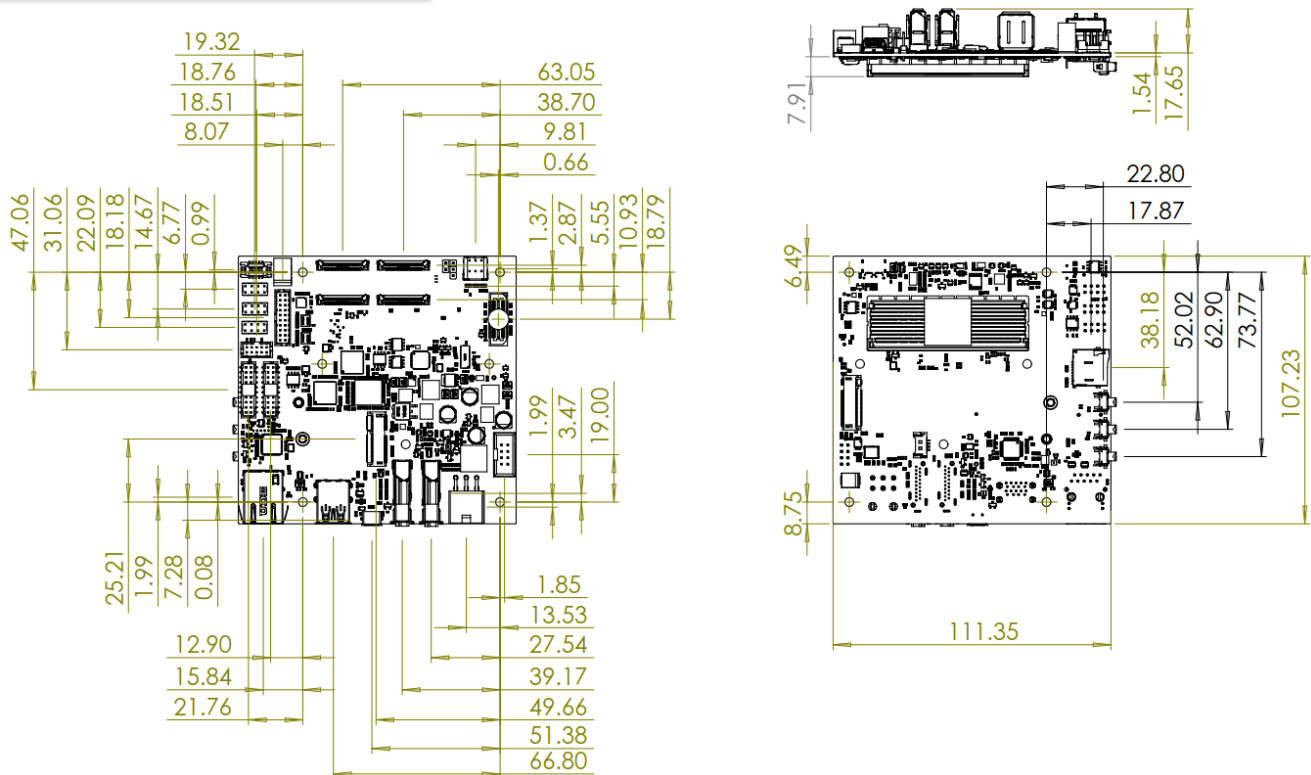
- -40°C ~ +125°C



Block Diagram



Mechanical



Ordering Information

Product name	Description
AX710-STD-FN00	AX710 Carrier, Standard temp -25°C to +80°C
AX710-XAV-FN02	AX710 Carrier with Nvidia Xavier module and FAN sink, Standard temp -25°C to +80°C

Accessory (Optional)

7W9000000040	AX710 Cable kit(CAN bus / UART / RS232 / Front panel / GPIO / I2C)
9Z1256161010	AX710 Active Heat Sink
7W8000000040	US Power Cord SVT 18AWG Cable 1800mm Black 105 °C
7W8000000050	EU Power Cord H05VV-F 0.75mm2/3G SL-6+SL-3 Cable 1800mm Black
9Z3D10000010	100-240V 120W Power Adapter

Active Heat Sink



Cable Kit

