

ACE-N510

Features

- Smallest design for Nvidia TX2/TX1
- Specifically designed for high performance and low-power envelope AI computing
- Extended temperature range -20°C to 70°C
- Suitable for general robotics, Drone, UAV, industrial inspection, medical imaging and deep learning

Specifications

Dimension

➢ 87 x 50mm

Support Module

➢ NVIDIA Jetson TX2 Module (87 x 50mm)

➢ NVIDIA Jetson TX1 Module (87 x 50mm)

I/O Interface

➢ 1x HDMI Type A

➢ 1x RJ-45 for GbE

➢ 2x USB3.0 Type A

➢ 1x USB2.0 Micro AB

➢ 1x RS-232

➢ 2x CAN BUS¹

➢ 1x Front Panel

➢ 4x GPIO

➢ 1x DC-in 12V (2 Pin Euroblock)

Operating Temperature

➢ 0°C ~ +55°C (Standard Version)

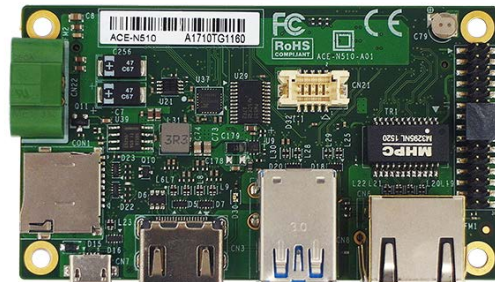
➢ -20°C ~ +70°C (Extended temperature)

Operating Humidity

➢ 10% ~ 90%

Storage Temperature

➢ -25°C ~ +80°C



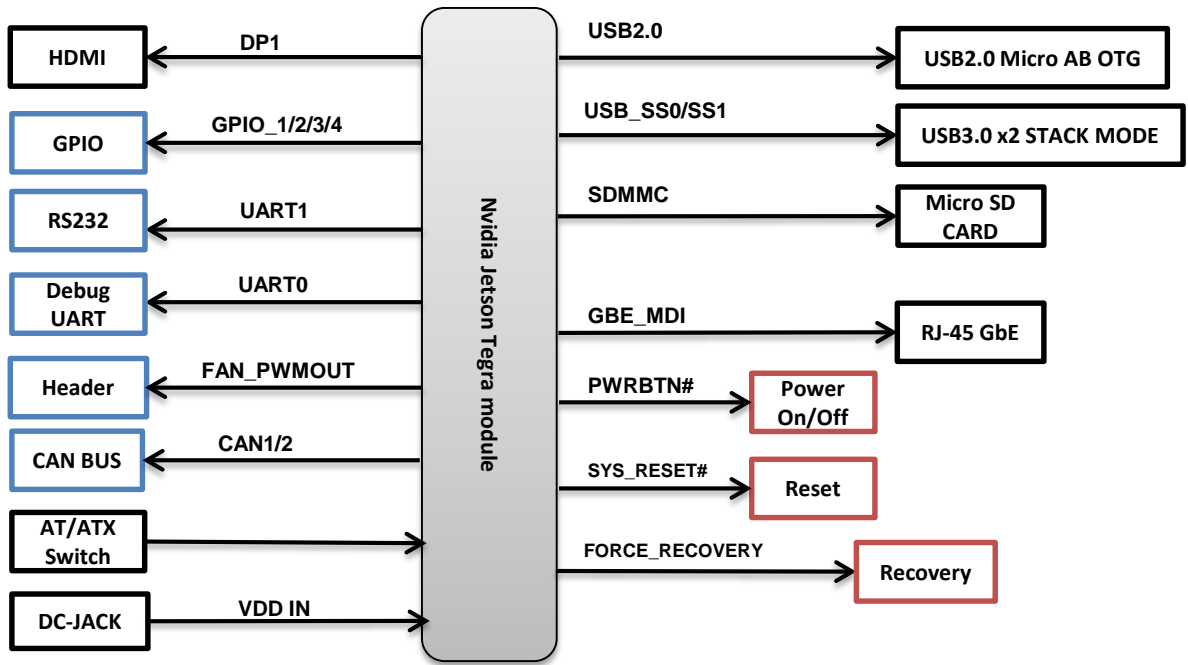
1. CAN BUS function only work on TX2. TX1 not support.

Ordering Information

Module Number	Description
ACE-N510	Carrier, 0°C to +55°C
ACE-N510-B	Carrier, -20°C to +70°C
ACE-N510-TX1	Carrier with NVIDIA Jetson TX1 module, 0°C to +55°C
ACE-N510-TX1-B	Carrier with NVIDIA Jetson TX1 module, -20°C to +70°C
ACE-N510-TX2	Carrier with NVIDIA Jetson TX2 module, 0°C to +55°C
ACE-N510-TX2-B	Carrier with NVIDIA Jetson TX2 module, -20°C to +70°C

ACE-N510

Block Diagram



Mechanical

