

## ACE-N621

### Features

- Specifically designed for high performance and low-power envelope AI computing
- Additional driver to support Innodisk® embedded peripheral modules for multiple I/O expansion capability
- Ideal for all-in-one panel PC with use of eDP
- On-board 1x HDMI, 1x eDP, 1x CSI, 2x CAN BUS and 2x Mini Card to support rich multimedia and MIPI CSI camera
- Extended temperature range -20°C to 70°C
- Suitable for general robotics, UAV, industrial inspection, medical imaging and deep learning

### Specifications

#### Form Factor

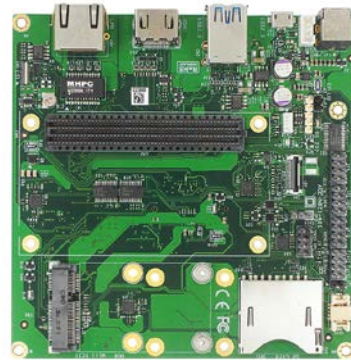
- nano-ITX (120 x 120mm)

#### Support Module

- NVIDIA Jetson TX2 Module (87 x 50mm)
- NVIDIA Jetson TX1 Module (87 x 50mm)

#### I/O Interface

- 1x HDMI Type A
- 1x eDP
- 1x RJ-45 for GbE
- 2x USB3.0 Type A<sup>1</sup>
- 1x USB2.0 Micro AB
- 1x Full-Mini Card (PCI Express x1 & USB2.0)
- 1x Full-Mini Card (PCI Express x1 or mSATA)
- 2x CAN BUS<sup>2</sup>
- 1x Front Panel
- MIPI CSI-2 x1 (2 Lane)
- 1x 4pin 12V output
- 1x RS-232 / 1 x UART / 1 x I2C / 1 x I2S / 4 x GPIO
- 1 x DC-in 12V~19V



#### 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. When install TX2 module, one of USB 3.0 ports will be downgrade to USB2.0.
2. CAN BUS function only work on TX2. TX1 not support.

### Ordering Information

Modle Number	Description
ACE-N621	Carrier, nano-ITX, 0°C to +55°C
ACE-N621-B	Carrier, nano-ITX, -20°C to +70°C
ACE-N621-TX1	Carrier with NVIDIA Jetson TX1 module, 0°C to +55°C
ACE-N621-TX1-B	Carrier with NVIDIA Jetson TX1 module, -20°C to +70°C
ACE-N621-TX2	Carrier with NVIDIA Jetson TX2 module, 0°C to +55°C
ACE-N621-TX2-B	Carrier with NVIDIA Jetson TX2 module, -20°C to +70°C

