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INDUSTRIAL PRODUCT DATASHEET

A205E Carrier Board for Jetson Nano/Xavier NX/TX2 NX

Jetson A205E Carrier Board is built with industrial RS232 and 485 interfaces and high-speed I/O communication, fully compatible with NVIDIA® Jetson Nano™ / Xavier™ NX /TX2 NX module and for the industrial embedded AI system...

SKU	UPDATED	PRICE
102110774	2026-11-11 08:54:16	$416.00(Excl. VAT)



Overview



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Key Features

01 **Cost-effective industrial purpose carrier board**

Industrial interfaces and rich I/Os will save cost for both prototyping and deployment.

02 **Work with advanced embedded system**

fully support NVIDIA Jetson Nano/Xavier NX/TX2 NX module with up to 21TOPs AI performances.

03 **Industrial connectivity**

1x CAN, 1x RS232, and 1x RS485

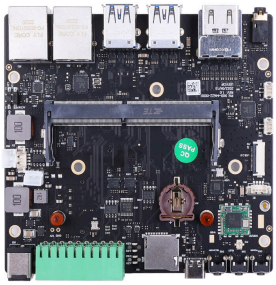
04 **Various set of I/Os**

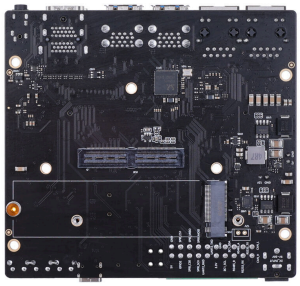
4x USB Type A, 1xUSB2.0 Type C, 1xSPI, 2x I2C, 1x MicroSD card slot, M.2 Key M(SSD), 1xFan(5V PWM), 2xLED State.

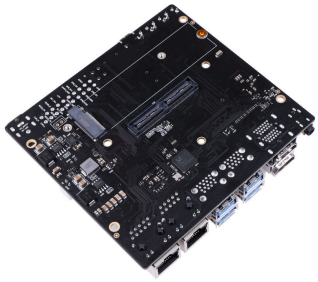
05 **Cetifications**

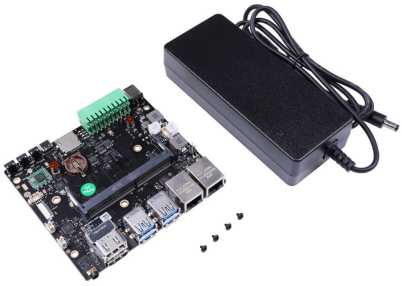
CE, FCC, RoHS

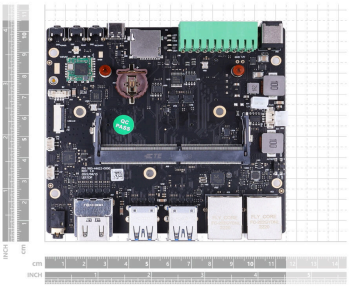
Product Gallery



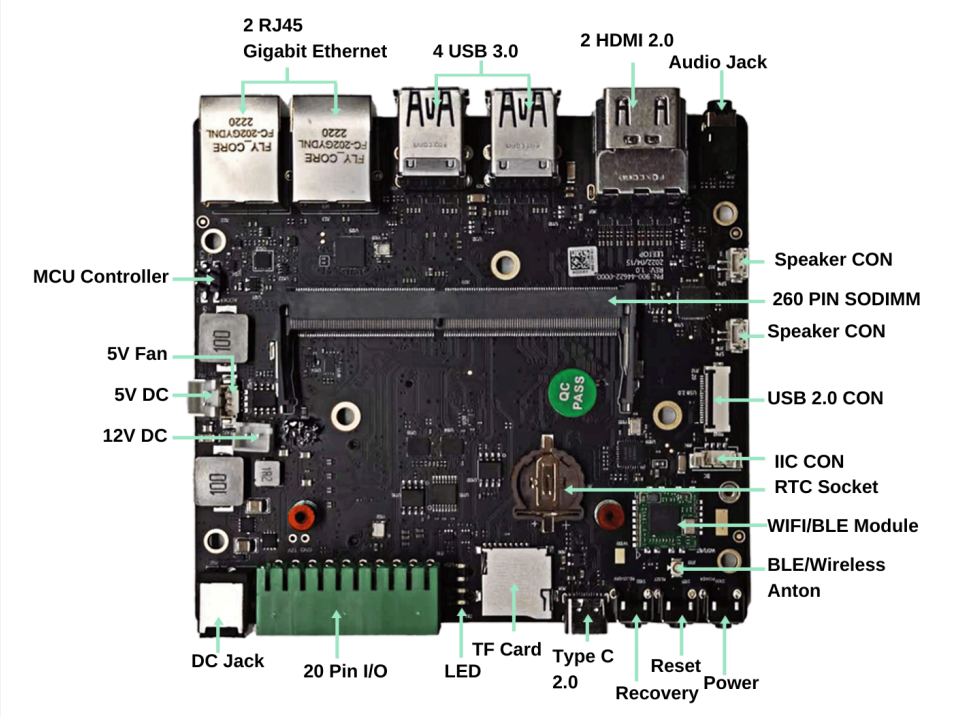


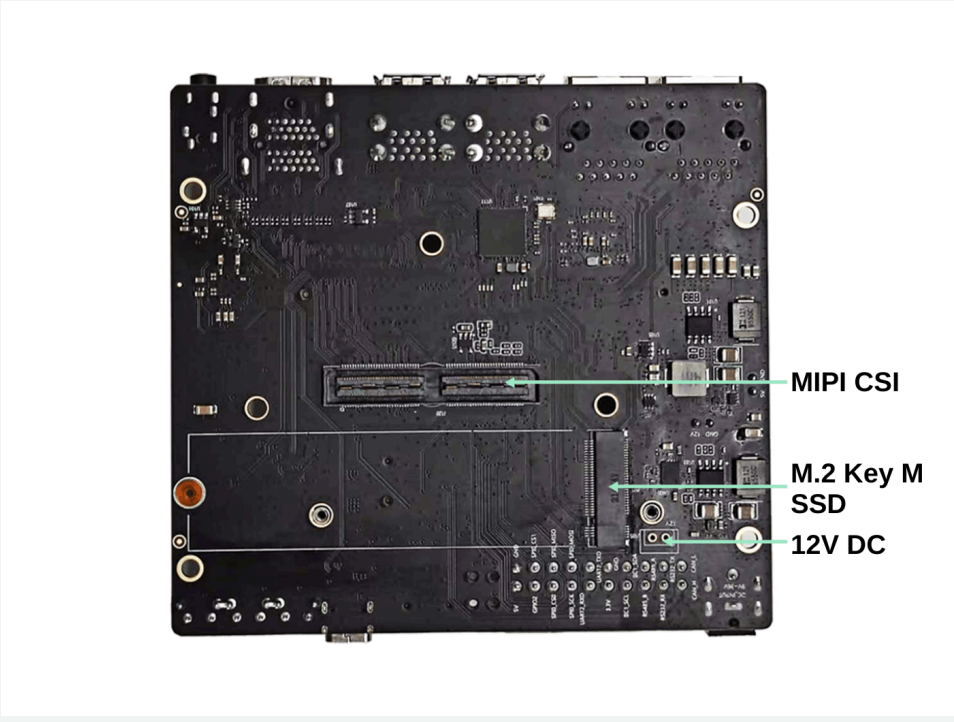






Hardware Overview





Applications

- **Application Fields:**
- **Autonomous Mobile Robot (AMR)**
- **AI Video Analytics**
- **Machine Vision**

Resource Links

- https://www.seeedstudio.com/A205E-Carrier-Board-for-Jetson-Nano-Xavier-NX-p-5496.html
- A205E carrier board Datasheet.pdf
- A205E_PCBA_3D.stp
- A205E_Specification.pdf
- NVIDIA Jetson Devices and Carrier Boards Comparisons
- Seeed NVIDIA Jetson Hardware Catalog

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