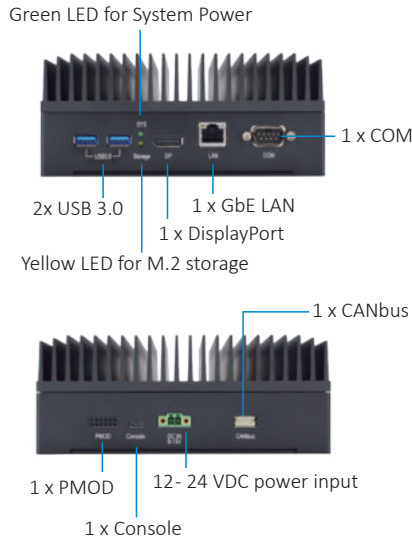


# RSC201 NEW

Fanless Edge AI Computer Vision System with Xilinx® Kria™ K26 SoM , GbE LAN, CANbus, PMOD, COM, USB 3.0, DisplayPort, and 5G wireless Connection



## Features

- Xilinx® Kria™ K26 SoM
- Supports GbE LAN for cameras
- Supports 5G wireless connection
- Wide operating temperature from -30°C to +75°C
- Wide voltage input from 12 to 24 VDC
- Supports Linux
- Ideal for edge AI smart city / industrial applications



▲ Front view



▲ Rear view

## Specifications

|                       |   |
|-----------------------|---|
| Standard Color        | Black   |
| Construction          | Aluminum extrusion and heavy-duty steel, IP40   |
| AI Accelerator        | Xilinx Kria K26 System-on-Module  |
| System Memory         | DDR4 4GB, 64-bit, onboard   |
| System I/O Outlet     | 1 x 10/100/1000 Mbps Ethernet<br>1 x DisplayPort 1.4<br>2 x USB 3.0<br>1 x COM for RS232<br>1 x CANbus<br>1 x 12-pin PMOD<br>1 x 12 to 24 VDC power input |
| Storage               | eMMC 16GB<br>1 x M.2 Key B 2242 SSD slot (SATA3)  |
| Expansion Interface   | 1x M.2 B-Key 3052 for 5G<br>1x SIM socket   |
| System Indicator      | 1 x Green LED for system power<br>1 x Yellow LED for Storage (eMMC)   |
| Power Supply          | 12 to 24 VDC  |
| Operating Temperature | -30°C to +75°C (-22°F to +167°F)  |
| Humidity              | 5%- 95%, non-condensing   |
| Vibration Endurance   | 3.5 Grms (5 to 500Hz, X, Y, Z directions)   |
| Dimensions            | 150.0 mm (5.91") (W) x 111.0 mm (4.37") (D) x 65.6 mm (2.58") (H)   |
| Weight (net/gross)    | 1.5 kg (3.32 lb)  |
| Certifications        | CE, FCC Class A   |
| OS Support            | Linux   |

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## Ordering Information

### Standard

|          |   |
|----------|---|
| RSC201-I | Fanless Edge AI System with Xilinx® Kria™ K26 Industrial, GbE LAN, CANbus, PMOD, COM, USB 3.0, DisplayPort, and 5G Connection |
| RSC201-C | Fanless Edge AI System with Xilinx® Kria™ K26 Commercial, GbE LAN, CANbus, PMOD, COM, USB 3.0, DisplayPort, and 5G Connection |

## Optional Accessory

Wall mount kit

M.2 SATA SSD module

5G module

Power adapter 12V/60W

Power cord

\* Specifications and certifications may vary based on different requirements.