

RSC201

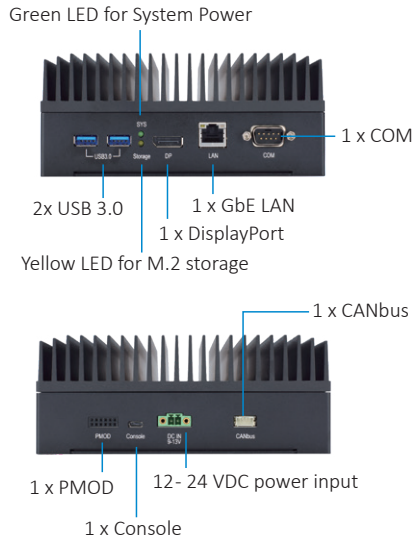


Fanless Edge AI Computer Vision System with Xilinx® Kria™ K26 SoM , GbE LAN, CANbus, PMOD, COM, USB 3.0, DisplayPort, and 5G wireless Connection



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 1 x DisplayPort 1.4 2 x USB 3.0 1 x COM for RS232 1 x CANbus 1 x 12-pin PMOD 1 x 12 to 24 VDC power input
Storage	eMMC 16GB 1 x M.2 Key B 2242 SSD slot (SATA3)
Expansion Interface	1x M.2 B-Key 3052 for 5G 1x SIM socket
System Indicator	1 x Green LED for system power 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

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.