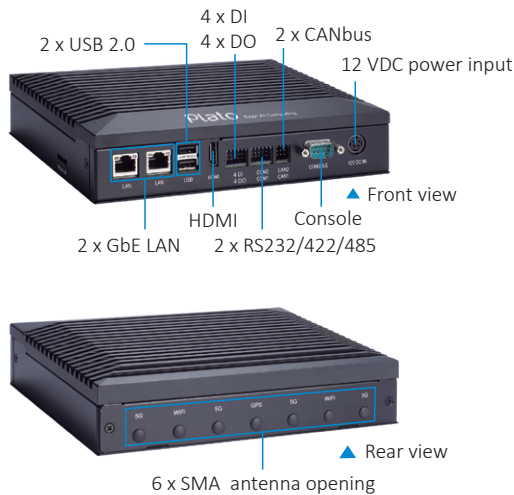


RSC100 NEW

Fanless Edge AI Computer Vision System with Hailo-8™ Processor, HDMI, GbE LAN, COM, DIO, CANbus, and Wi-Fi/Bluetooth/5G/LTE Wireless Connection

HAILO
Empowering Intelligence



Features

- Hailo-8™ AI processor, up to 26 TOPS
- Advanced AI performance, ideal for smart city applications
- Dual GbE for GigE cameras and LiDAR connectivity
- Dual COM/Dual CANbus/8-CH DI/DO
- Supports Wi-Fi/Bluetooth/5G/LTE wireless connection
- Wide operating temperature from -20°C to +70°C
- Supports Linux operating system



Specifications

| | |
|---------------------|--|
| Standard Color | Black |
| Construction | Aluminum extrusion and heavy-duty steel, IP40 |
| CPU | NXP® i.MX 8QuadMax processor |
| GPU | SoC integrated |
| AI Accelerator | Hailo-8™, up to 26 TOPS |
| System Memory | 4GB LPDDR4 onboard |
| Carried Board | SCB100 |
| System I/O Outlet | 1 x HDMI 2.0 with 4K2K supported 2 x 10/100/1000 Mbps Ethernet 2 x RS-232/422/485 2 x CANbus 2 x USB 2.0 4 x DI 4 x DO 1 x Console port 7 x SMA-type antenna connector |
| Watchdog Timer | Dual watchdog timer |
| Storage | Onboard 16GB eMMC 1 x M.2 Key M 2280 SATA SSD slot 1 x Micro SD slot |
| Expansion Interface | 2 x Full-size PCI Express Mini Card slot 1 x M.2 Key B 3052 slot 1 x SIM slot |
| System Indicator | N/A |
| Power Supply | 12 VDC |

Specifications

| | |
|-----------------------|--|
| Operating Temperature | -20°C to +70°C (-4°F to +158°F) |
| Humidity | 10%- 95%, non-condensing |
| Vibration Endurance | 3 Grms with M.2 (5 to 500Hz, X, Y, Z directions) |
| Dimensions | 200 mm (7.87") (W) x 150 mm (5.9") (D) x 45 mm (1.77") (H) |
| Weight (net/gross) | 2.1 kg (4.63 lb)/2.75 kg (6.06 lb) |
| Certifications | CE, FCC Class A |
| OS Support | Yocto Linux 3.0 |

Packing List

1 x 4P to DIN type power cable

Power Protection

DC Adapter

OVP (over voltage protection)

OCP (over current protection)

Reverse protection

Ordering Information

Standard

| | |
|--------|---|
| RSC100 | Fanless Edge AI system with AI accelerator, i.MX 8QuadMax, 4GB RAM, 16GB eMMC, 1 HDMI, 2 GbE LAN, 2 USB 2.0, 2 COM, 2 CAN, 4-CH DI, and 4-CH DO |
|--------|---|

Optional Accessory

Wall mount kit

M.2 SATA SSD module

MicroSD card

WiFi/Bluetooth module

5G module

LTE module

Power adapter

Power cord

* Specifications and certifications may vary based on different requirements.