

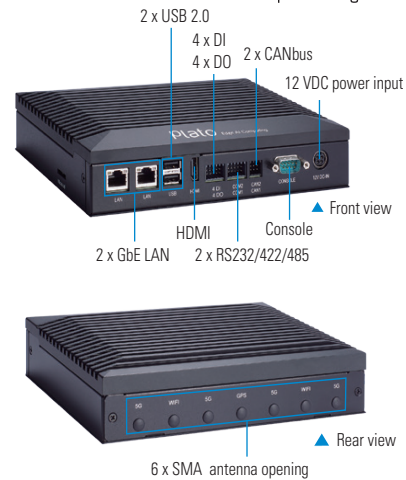
# RSC100 NEW

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

## 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

**HAILO**  
Empowering Intelligence



## 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
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 Version

- OVP (over voltage protection)
- OCV (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.

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660