

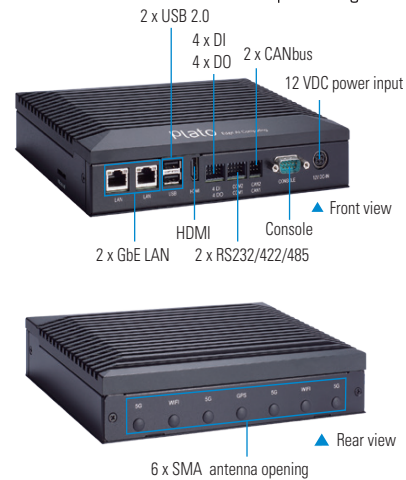
RSC100 NEW

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)
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.

Assured Systems

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