

RSC101

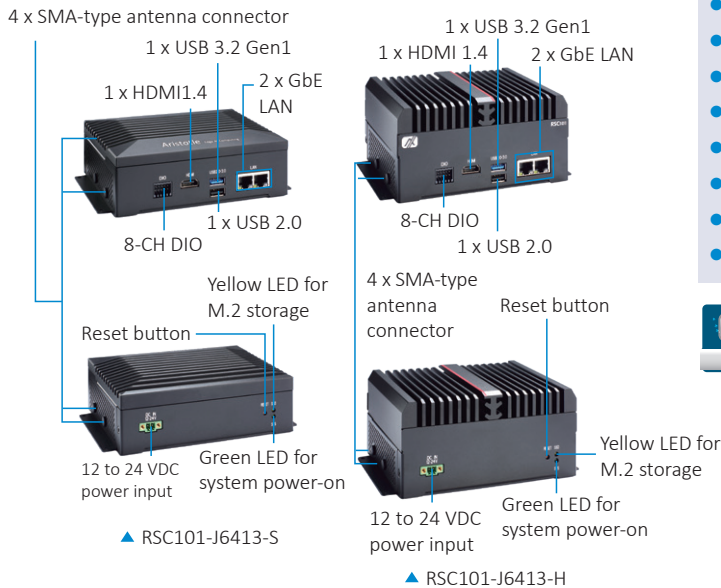


Fanless Edge AI Computer Vision System with Hailo-8™ Processor, HDMI, GbE LAN, USB 3.2, DIO, and Wi-Fi/Bluetooth/5G/LTE Wireless Connection



Features

- Hailo-8™ AI processor, up to 26 TOPS
- Palm size with high AI computing performance
- Supports dual GbE LAN for cameras
- Supports Wi-Fi/Bluetooth/5G/LTE wireless connection
- Wide operating temperature from -10°C to +70°C
- Wide voltage input from 12 to 24 VDC
- Supports Linux
- Ideal for edge AI smart city applications



Specifications

Standard Color	Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Intel® Elkhart Lake processor
AI Accelerator	Hailo-8™ SoC, up to 26 TOPS
System Memory	1 x DDR4 SO-DIMM slot, up to 32GB
System I/O Outlet	1 x HDMI 1.4 with 4K2K supported 2 x 10/100/1000 Mbps Ethernet 1 x USB 3.2 Gen1 1 x USB 2.0 1 x 8-CH DI/DO 1 x 12 to 24 VDC power input 1 x Reset button 4 x SMA-type antenna connector
Storage	1 x M.2 Key B 2242 SSD slot (SATA3)
Expansion Interface	1 x M.2 Key E 2230 for Wi-Fi/Bluetooth 1 x M.2 Key B 3052 for 5G 1 x Wafer for RS-232/485 1 x SIM slot
System Indicator	1 x Green LED for system power-on 1 x Yellow LED for M.2 storage
Power Supply	12 to 24 VDC

Specifications

Operating Temperature	-10°C to +70°C (14°F to +158°F) (H) -10°C to +60°C (14°F to +140°F) (S)
Humidity	10%- 95%, non-condensing
Vibration Endurance	3 Grms (5 to 500Hz, X, Y, Z directions)
Dimensions	150.0 mm (5.91") (W) x 111.0 mm (4.37") (D) x 71.7 mm (2.82") (H) 150.0 mm (5.91") (W) x 111.0 mm (4.37") (D) x 49.4 mm (1.94") (S)
Weight (net/gross)	1.5 kg (3.32 lb) (H) 1.0 kg (2.20 lb) (S)
Certifications	CE, FCC Class A
OS Support	Linux

Packing List

1 x Screw pack

Ordering Information

Standard

RSC101-J6413-S	Fanless edge AI system with Hailo-8 accelerator, Intel® Celeron® processor J6413, HDMI, 2 GbE LAN, 2 USB, and 8-CH DI/DO, Standard heatsink
RSC101-J6413-H	Fanless edge AI system with Hailo-8 accelerator, Intel® Celeron® processor J6413, HDMI, 2 GbE LAN, 2 USB, and 8-CH DI/DO, High heatsink

Optional Accessory

Wall mount kit
DDR4 SO-DIMM module
M.2 SATA SSD module
Wi-Fi/Bluetooth module
5G module
LTE module
Power adapter 12V/60W
Power cord

* Specifications and certifications may vary based on different requirements.