



FEATURES

- AMD Ryzen™ Embedded R2314 Processor
- Fanless passive cooling design
- Multiple network connections, with dual network ports, WiFi and 4G/5G options
- Three user-programmable indicator LEDs
- Flexible installation with DIN-rail and wall-mount
- Power-on resume function for unattended operation
- DC 12~24V wide voltage input, supports Over-Voltage Protection, Under-Voltage Protection, Over-Current Protection, Reverse-Polarity Protection

SPECIFICATIONS

System	
CPU	AMD Ryzen™ Embedded R2314 Processor
Memory	1 x DDR4 SO-DIMM 3200MT/s, Max. 32 GB
Storage	1 x M.2 M Key 2280 PCIe4.0 x4 NVMe SSD
Display	1 x HDMI, support 4K@60Hz, 1 x DP, support 4K@60Hz
USB	3 x USB3.2 Gen1 Type-A, 3 x USB2.0 Type-A
LAN	2 x RJ45, 10/100/1000Mbps
COM	1 x RS232, 1 x RS485
Audio	1 x Audio Combo Jack
Expansion	1 x M.2 E Key 2230 for WiFi & Bluetooth, 1 x M.2 B Key 3042/3052 for 4G/5G
SIM Card	1 x SIM Card slot
TPM	fTPM2.0
WatchDog	Programmable 1-255 sec or min
OS Support	Windows10/11, Linux

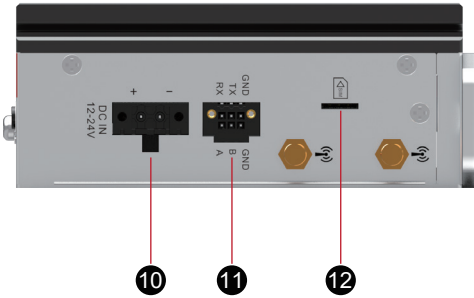
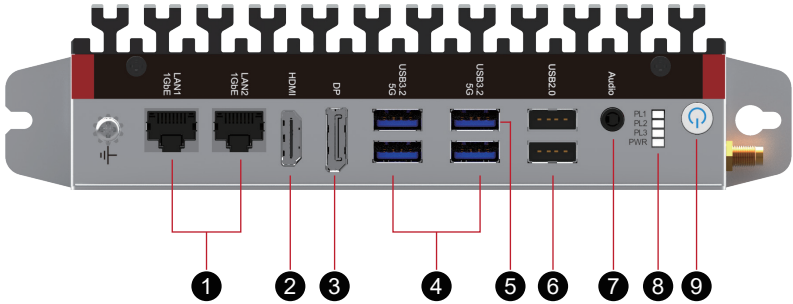
Power	
Input Voltage	DC IN, 12~24V
Mechanical	
Dimensions	175x123x49.4mm (6.9x4.8x1.9 in)
Environment	
Operating Temperature	0~60°C (32~140°F)
Storage Temperature	-20~75°C (-4~167°F)
Relative Humidity	10%~90% (non-condensing)
Vibration	Operating random vibration test 5~500Hz, 1Grms @with SSD, follows IEC 60068-2-64)
Shock	Operating 10G peak acceleration (11ms duration), follows IEC 60068-2-27)
EMC	CE FCC

OPTIONS

System	
Memory	Single SO-DIMM DDR4, 8GB, 16GB, 32GB
Storage	M.2 2280 NVMe, 128GB, 256GB, 512GB, 1TB

Communications	
WiFi & Bluetooth	optional
4G/5G	optional

I/O LAYOUT



- 1

2 x RJ45, 1000Mbps
- 2

1 x HDMI, 4K@60Hz
- 3

1 x DP, 4K@60Hz
- 4

3 x USB3.2 Gen1
- 5

1 x USB2.0
- 6

2 x USB2.0
- 7

Audio Combo Jack
- 8

PWR, HDD, PL1&2 LED
- 9

Power Button
- 10

DC IN, 12V~24V
- 11

1 x RS232, 1 x RS485
- 12

SIM Card slot

PRODUCT DIMENSIONS

unit: mm

