

SPG-3352Z

Industrial IoT Edge Gateway with ARM Cortex-A8 800 MHz RISC Processor



Features

- ARM Cortex-A8 800 MHz RISC Processor
- Onboard DDR3L 1 GB/eMMC 16 GB
- Multiple I/O interface connections for data collection
- 9 ~ 36 VDC power input
- mPCIe connector Expansion
- Onboard Wi-Fi/Bluetooth Module
- Pre-install Linux Debian
- Wide operating temperature: -20 ~ 70°C

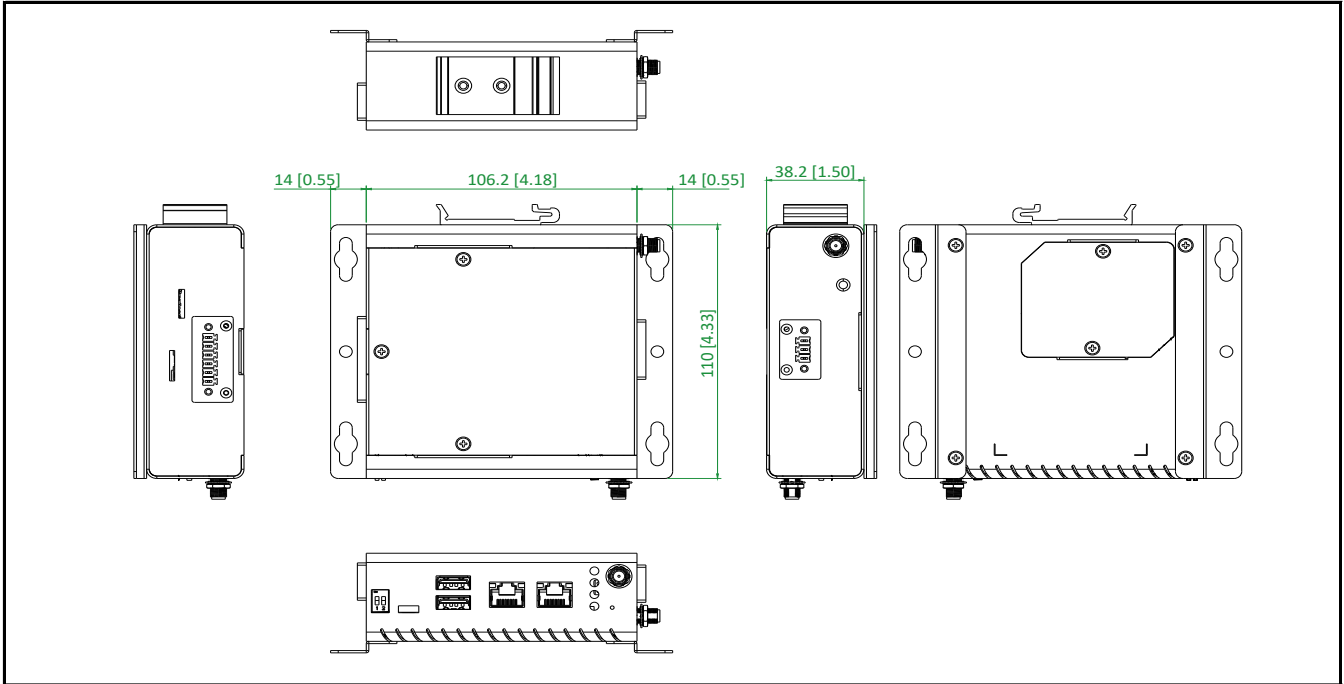
Specifications

System	
CPU/GPU	ARM Cortex-A8 800 MHz RISC Processor
Chip	TI AM3352
Memory	Onboard DDR3L 1 GB
Storage	eMMC 16 GB
Real time clock	Yes
Indicators	4 x Programmable LED control
Cellular	Supported (Optional)
Wireless LAN	Wi-Fi 802.11 b/g/n, Bluetooth 4.2/BLE
Operating System	Debian 10
Support Protocol	Modbus/MQTT Library (by request)
Power Supply	
Power Requirement	9 ~ 36 VDC
Power Consumption	7.8 W (Full loading)
MTBF (Hours)	70,000
Environmental and Mechanical	
Dimension	106 x 110 x 38 mm (4.17" x 4.33" x 1.49")
Weight	0.4 kg
Mouting/Installation	Wall mount, Din Rial (Optional)
Operating Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 176 °F)
Operating Humidity	10% ~ 95% relative humidity, non-condensing
Certification	
Regulations	CE, FCC
Carrier	Planning

Interface	
Serial Port	1 x Terminal Block 6-pin, RS-485
CAN Bus	--
Ethernet	2 x GbE LAN, RJ45
USB	2 x USB 2.0, Type A
DI/DO	--
AI/AO	--
Display	--
Power Connector	1 x Terminal Block 3pin, 3.81 mm
Debug Port	1 x Micro USB for console
Expansion Slot	1 x nano SIM card slot 1 x microSD slot
Other Interface	1 x mPCIe connector for RF Module

Dimension

Unit: mm / inch



Ordering Information

Packing List

- 1 x Wall Mount Kits
- 1 x 3pin Terminal Block
- 1 x 6pin Terminal Block

Part Number

2SPG3352Z-06 Protocol Gateway, ARM Cortex A8, 1 GB DDR3L, 16 GB eMMC, 9 ~ 36 VDC

Optional Accessories

Part Number / Item

4G LTE	mPCIe PLS83-W 4G LTE Module
4MAM041004A	DIN Rail Kits 47 x 25 mm
Power	Power AC/DC 100 ~ 240 VAC 12V 3A 36W
OPC UA Stack	Ethernet/IP Stack
EtherCAT Stack	IO-Link Stack
PROFIBUS Stack	MQTT
PROFINET Stack	Modbus