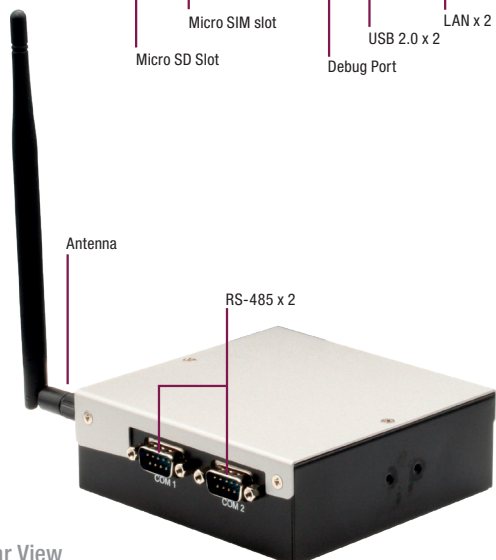
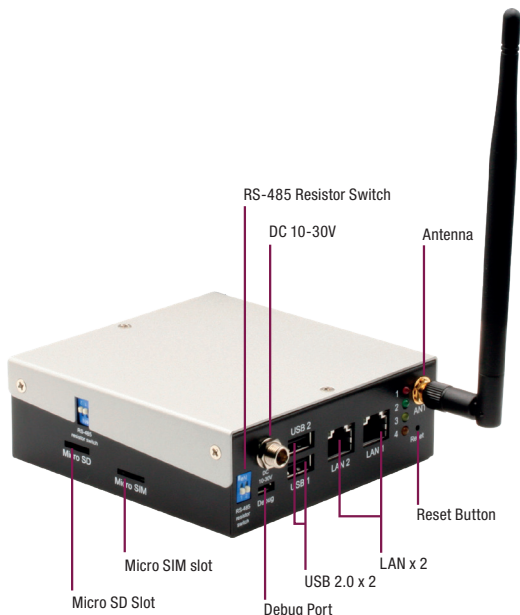


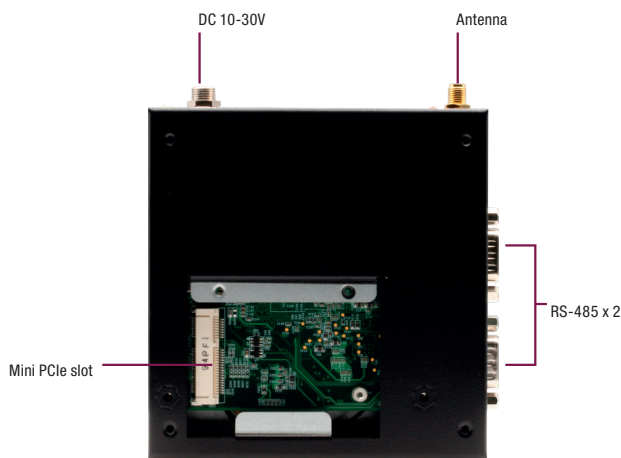
Standard IoT Gateway with Onboard ARM i.MX 8M Mini Quad Cortex-A53 1500 MHz RISC Processor

Front View



Rear View

Bottom View



Features

- i.MX 8M Mini Quad Cortex-A53 1500 MHz RISC Processor
- Onboard LPDDR4 2GB / 1GB
- Onboard eMMC 16GB / 8GB
- Built-in Micro SD Card Slot x 1
- 3G/4G LTE mini PCIe Slot x 1
- SIM card socket x 1
- Gigabit Ethernet RJ-45 x 2 LAN port
- USB2.0 x 2
- RS-485 x 2
- 4 LED lights controlled through GPIO
- Real time clock x 1
- DC10-30V
- Option for wall mounting or DIN rail mounting
- Antenna x 2 (optional)

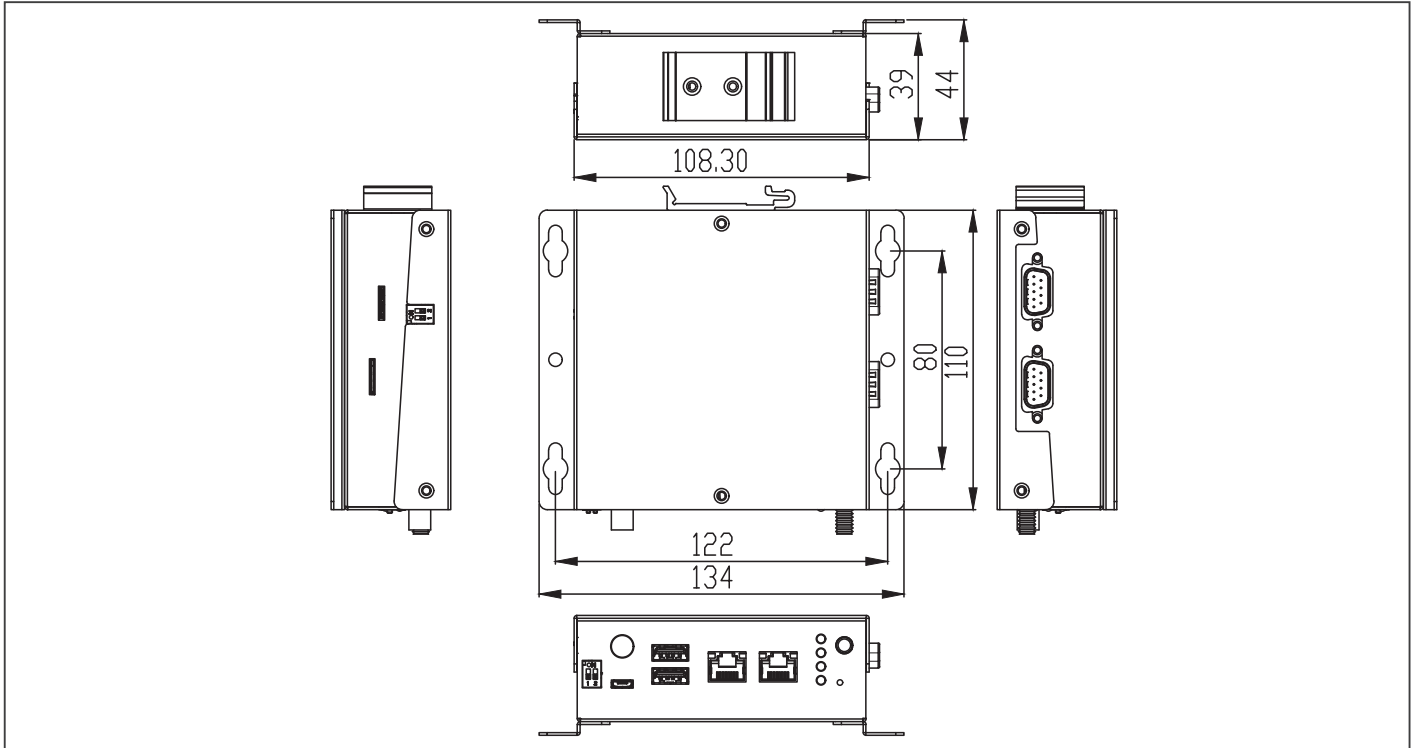


Specifications

System	
Processor	i.MX 8M Mini Quad Cortex-A53 1500 MHz RISC Processor
System Memory	Onboard LPDDR4 2GB/1GB
RTC	Real time clock x 1
Expansion Interface	3G/4G LTE mini PCIe connector; SIM card socket x 1
Battery	3V CR2032 Lithium battery for RTC
Power Requirement	DC10-30V
Power Consumption	1.8 W
Dimension	4.3" x 4.33" x 1.54"(109 x 110 x 39 mm)
Gross Weight	430 g
Operation Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity	10% ~ 95% relative humidity, non-condensing
MTBF (Hours)	855,590
Wireless	On board WiFi/Bluetooth Module x 1(Optional)
I/O	
Storage	eMMC 16G / 8G; Micro SD slot
Serial Port	RS-485 x 2
LAN	Gigabit Ethernet, RJ-45 x 2
USB	USB 2.0 x 2
GPIO	4 LED control
Other Interface	—

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Thermal	COM	Storage	LAN	USB	Expansion slot	Power	Operation Temp.	Others
SRG-IMX8-A10-A001	ARM Cortex-A53 1500MHz	Onboard LPDDR4 2G	Fanless	RS-485 x 2	eMMC 16GB, MicroSD x1	GbE x 2	USB 2.0 x 2 Micro USB x 1	Mini PCIe slot x 1, SIM card socket x 1	DC 10-30V	0°C ~ 60°C @ 0.5 m/s airflow	3G/4G LTE module (optional)

Packing List

- SRG-IMX8

Installation Scenario



DIN-Rail Mount Illustration



Wall Mount Illustration

Optional Accessories

- **1255300366**
Power Adapter. AC/DC. 100-240VAC. 12VDC/3A.36W.
- **9741EC25E0**
PCIe mini card.4G LTE module kit with cable & Antenna, EC25-E
- **9741EG25G0**
PCIe mimi card. 4G LTE. module kit. Global Band W/SIM holder. W/Cable & antenna. Quectel. EG25-G
- **M10SRG3000**
Din rail kit. 49 x 25mm
- **M16SRG3040**
Wall mount kit. 110 x 26mm