

Standard IoT Gateway System with 11th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC

Front View



Rear View



Features

- 11th Generation Intel Core i7/i5/i3/Celeron Processor SoC
- DDR4 3200MHz, SO-DIMM x 2, up to 64GB
- USB 3.2 Gen 1 x 3, USB 3.2 Gen 2 x 1
- HDMI 2.0b x 1 (Output)
- GbE x2 (Intel I219, I211) + 2.5 GbE x1 (Intel I225)
- M.2 3052 B Key x1, M.2 2280 M Key x1, M.2 2230 E Key x1
- DC 9 ~ 36V Power Input



Specifications

System	
Processor	11th Generation Core Intel® i7-1185G7E SoC 11th Generation Core Intel® i5-1145G7E SoC 11th Generation Core Intel® i3-1115G4E SoC 11th Generation Core Intel® Celeron 6305E SoC TDP 12W Only
Memory	DDR4 3200MHz, SO-DIMM x 2, Up to 64GB
Storage	M.2 2280 M Key slot x 1 (PCIe4) 2.5" SATA SSD/HDD bay x 1
Real Time Clock	RTC x 1, with 3V CR2032 Lithium battery
Security	TPM 2.0
Indicators	—
Cellular	M.2 3052 B Key slot x 1 (4G/5G)
Wireless Lan	M.2 2230 E Key slot x 1 (Wi-Fi 802.11 ac/b/g/n, BT 5.0)
Operating System	Windows 10 IoT Enterprise / Linux (by request)
Support Protocol	—
I/O Interfaces	
Serial Port	RS-232/422/485 x 4, DB9 (Optional)
Ethernet	Intel @i211-LM,10/100/1000Base x 1,RJ45 Intel @i219-LM,10/100/1000Base x 1,RJ45 Intel @i225-LM,10/100/1000Base x 1,RJ45 (Support Vpro)
USB	USB3.2 Gen 2 x 1, Type A USB3.2 Gen 1 x 3, Type A
ADC	—
DI/DO	8 bit, Phoenix Connector
CAN Bus	CAN 2.0 B x 2 CH, Phoenix Connector
Display	HDMI 2.0b x 1
Power Connector	2 Pin 3.81mm Pitch Phoenix Connector
Debug Port	—
Expansion Slot	Micro SIM slot x 1 Micro SIM slot x 2 (Optional)
Other Interface	SATA 3.0 x 1 (Internal) SATA Power connector x 1 (5V) (Internal)
Power Supply	
Power Requirement	DC 9 ~ 36V (Optional DC12V), AT Type
Power Consumption	67 W (Full Loading)
MTBF (Hours)	306,575
Environmental and Mechanical	
Dimension	8.1" x 6.1" x 2.8" (207 x 155 x 72 mm)
Weight	3.3lb (1500g)
Mount Options	Wall Mount (Optional)
Operation Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operation Humidity	10% ~ 95% relative humidity, non-condensing

