

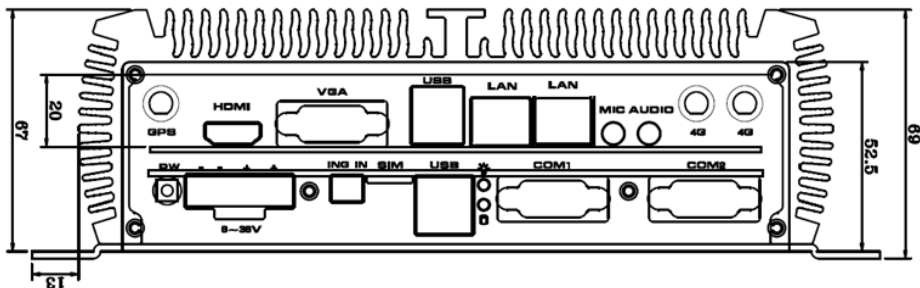
ESY-CI701

Intel i7 CPU Rugged BOX PC with Wide Power Input Range

Features

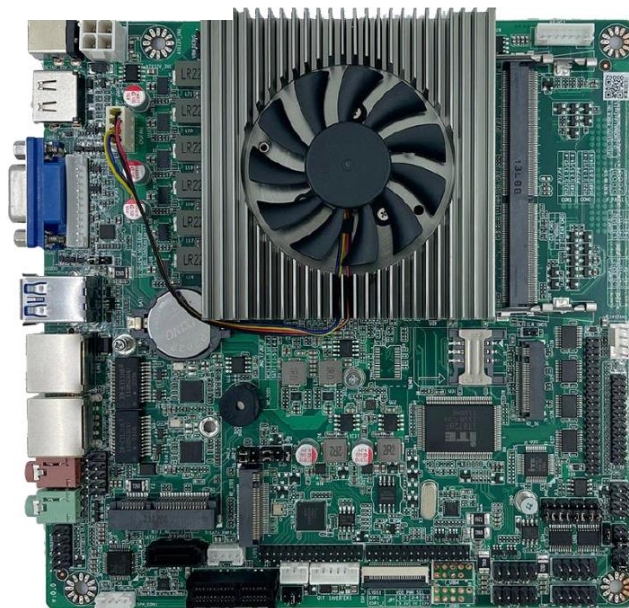
- Intel® Core™ i7-10710U
- Supports 16GB DDR4 3200 SODIMM, Dual Channel Up to 128GB
- Support HDMI, VGA Outputs
- 2 x 1 GbE LAN Ports
- Wide Range DC 9~36V Input
- Windows 10 IOT
- Conduction Cooling, Fanless Chassis

Appearance



Chassis reference

Motherboard



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Revision Table

Date	Revision	Content	By
2023/8/29	0.1	First Draft	Dennis

ESY-CI701

Intel i7 CPU Rugged BOX PC with Wide Power Input Range

Specification

BOX PC	
CPU	Intel® Core™ i7-10710U, 12M Cache, up to 4.70 GHz
Memory	Dual DDR4 2666 MHz, up to 64GB maximum
Storage	1x M.2 2280 NVME (Priority) 1x SATA3.0
Graphics	Intel® UHD Graphics
Display	HDMI x1 (Support resolution 4092x2304 @24Hz) VGA x1 (Support resolution 1920x1080 @60Hz) Line-Out x1, MIC x1
Ethernet	RTL8111 GbE LAN x2
I/O	2x RJ45 2x USB 3.0 2x USB 2.0 2x COM port – RS232 GPS antenna connector SMA x1 set (2T2R) SIM Slot (Optional) 4G antenna connector SMA x1 (Optional)
GPS	mPCI-e GPS Module, supports GPS L1 C/A frequency
Power Input	9~36 VDC Phoenix Connector 4PIN
OS	Windows 10 IoT
Gross Weight	Approx. 3.5kg
Net Weight	Approx. 2.8kg
BOX Dimension	236(W) x 196.2 (D) x 67 (H) mm

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Environment Compliance

Operating Temp.	0°C to +70°C
Storage Temp.	-20°C to +70°C
Humidity	Ta≤40°C, 90%RH, non-condensing
Cooling	Conduction Cooling, Fanless
Chassis	Rugged Floor Mount Design. Customization to be discuss

Environmental performance may vary according to the integration method or final integration scenario.

Deliverables

1	Intel i7 CPU Rugged BOX PC with Wide Power Input Range
2	Power Cable (Optional)

Ordering Information

Model Name	Description	Unit
ESY-CI701	Intel i7 CPU Rugged BOX PC with Wide Power Input Range (BOX PC without Extension and Module, bare mother board)	1

Ordering Details

ESY-CI701 - 1 2 B

