

ESY-CI707

Intel i7 13th Generation CPU Rugged BOX PC

Features

- Intel® Core™ i7-1355U Processor
- Supports dual channel DDR5 3200 SODIMM, Up to 64GB
- Support HDMI, DP Outputs
- 2 x 1 GbE LAN Ports
- 9-36VDC input
- Windows 10IOT/ Windows11
- Conduction Cooling, fanless

Appearance



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Revision Table

Date	Revision	Content	By
2023/6/27	0.1	First Draft	Dennis

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Specification

BOX PC	
CPU	Intel® Core™ i7-1355U Processor, 12M Cache, up to 5.00 GHz
Memory	Dual DDR5 4800 MHz, up to 64GB maximum
Storage	2x SATA III, 6Gb/s 1x M.2 NVME 4x
Graphics	Intel® Iris® Xe Graphics eligible
Display	1x HDMI 1x DP
Ethernet	2x GbE LAN
I/O	2x RJ45 1x HDMI 1x DP/VGA 2x USB3.0, 2x USB2.0 1x Audio in 1x Line Out
WIFI/ BT/ GPS	M.2/ mPCIe (Optional)
Power Input	9-36VDC - 4 pins phoenix connector for DC input; 2 pins for ignition detection. - Ignition detection, shutdown after 2 minutes
OS	Windows 10 IoT/ Windows 11

Environment Compliance

Operating Temp.	-20°C to +70°C
Storage Temp.	-30°C to +85°C
Humidity	Ta ≤ 40°C, 90%RH, non-condensing
Cooling	Conduction Cooling
Chassis	Rugged Floor Mount Design. Customization to be discussed.
Dimension	216 x 214 x 7.2 mm
Weight	2.5kg

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

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Deliverables

1	Intel i7 13 th Generation CPU Rugged BOX PC
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Ordering Information

Model Name	Description	Unit
ESY-CI707	Intel i7 13 th Generation CPU Rugged BOX PC	1

Ordering Details

ESY-CI707 - 2 6 W

