

Features

Rugged Mini G v4 Technical Specifications

- Intel Processor N97 (Alder Lake-N)
- Supports DDR5 SODIMM, up to 32G
- Dual HDMI 2.0b and Type-C DP1.4a
- Dual 2.5GbE ports
- 4 COM ports
- Wide DC input range (12-28V)



Specifications

Display

Type C DP	1 x Type C DP1.4a (Max Resolution: 4096 x 2304@60Hz)
HDMI	2 x HDMI 2.0b (Max Resolution: 4096 x 2160@60Hz)

System

CPU	Intel® Processor N97 (Formerly Alder Lake-N, TDP 12W)
Chipset	Intel® SoC
Memory	1 x DDR5 4800MHz, Single Channel SO-DIMM, up to 32GB
Security	TPM 2.0
OS Support	Windows 11, Windows 10, LTSC

Power

Power Requirement	DC-in 12-28V, 60W Adapter, AC100-240V, DC12V/5.0A
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Ethernet	2 x RJ45 for Intel® I116-V 2.5GbE
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System I/O

Rear Panel I/O	1x Audio (Line out, MIC combo) 2 x RJ45 4 x USB 2.0 1 x USB 3.2 Gen 2 Type C support DP1.4a display output 1 x USB 3.2 Gen 2 2 x HDMI 1 x DC Jack 1 x Grounding screw 4 x Antenna Holes
Front Panel I/O	1 x Power Button 1 x Reset Button 1 x Power LED 1 x HDD LED 2 x USB 2.0 1 x Line-out 1 x MIC – in 1 x RS 232/422/485 3 x RS-232

Storage

SATA	1 x SATA III
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Expansion

M.2	1 x M-Key 2280 (PCIe 3.0 x2) Support NVMe 1 x E-Key 2230 for Wifi Module 1 x B-Key 3042/3052 for 4G/5G Module
Mounting	Wall mount, DIN Rail
Dimension (W x D x H)	193.0 x 142.4 x 62.0 mm, (7.6" x 5.6" x 2.44")
Gross Weight	3.5 kg (7.7lb)
Net Weight	2.2 kg (4.8 lb)

Environment

Operating temperature	- 20 – 60°C (-4 – 140°F)
Storage Temperature	-40 – 85°C (-40 – 185°F)
Humidity	Operating: 10-95% @40°C non – condensing

Certifications

Certifications	CE/FCC Class A, LVD
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Warranty

Warranty	1 year standard
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Dimension

Unit: mm

