

Rugged Mini Q2

Technical Specifications

Features

- Intel Comet Lake i5-10210U 1.6G Quad-Core Processor
- 2 x DDR4 2666MHz up to 64GB
- Fanless Construction
- 1 x GbE Intel i219LM, 1 x GbE Intel I211AT
- 1 x M.2 (M-Key, SATA Interface), 1 x M.2 (E-Key, support CNVi)
- 1 x TS232/RS422/485, 4 x USB3.2
- Supports 1 x DP, 2 x HDMI
- 12~24V DC-in



Specifications

System

CPU/Chipset	Intel® Comet Lake i5-10210U 1.6G Quad-Core SoC Processor
Memory	2 x DDR4 2666MHz SO-DIMM slots up to 64GB
BIOS	AMI 128MB SMT Flash ROM
Network	1 x GbE Intel i219LM 1 x GbE Intel i211-AT Up to 8x GbE: Intel I211-AT (Optional)

Storage

Storage	1 x M.2 (M-Key, 2242, SATA interface)
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I/O – Rear Panel

	2 x USB3.2 (Gen2)
	1 x DP1.4 (Max Resolution: 4096 x 2340@60Hz)
	1 x HDMI2.0 (Max Resolution: 4096 x 2340@60Hz)
	1 x HDMI1.4 (Max resolution: 4096 x 2340@30Hz)
	2 x RJ45
	1 x DC Jack (12~24V)

I/O – Front Panel

	1 x Audio Jack (Line out + MIC)
	2 x USB3.2 (Gen2)
	1 x RS232/422/485
	1 x Power Button

Operating System

OS Support	Windows 10
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Internal Connector

	1 x M.2 (M-Key, SATA Interface)
	1 x M.2 (E-Key) for CNVi or PCI-E/USB WIFI/BT
	8bit GPIO
	2 x USB2.0

Power

Power Source	12~24V DC-in
Power Adapter	DC12V – 60W

Environment

Operating Temperature	14°F to 122°F (-10°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	90%, non-condensing
Certification	CE, FCC, RoHS, ErP Ready (Option)

Physical

Dimension (W x H x D)	5.90" x 2.95" x 4.17" (150mm x 75mm x 106mm)
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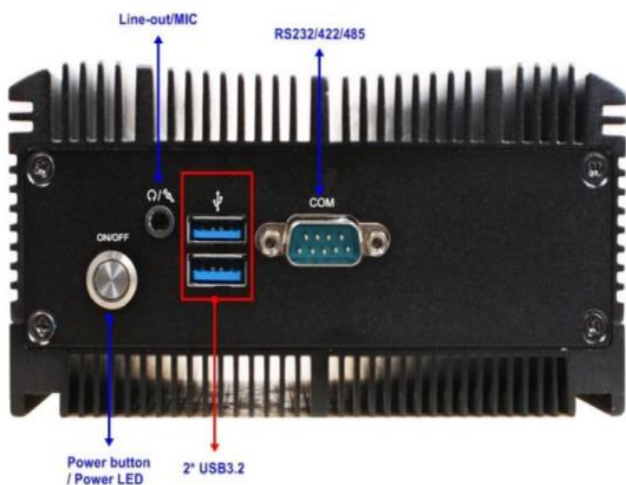
Warranty

Warranty	1-year standard
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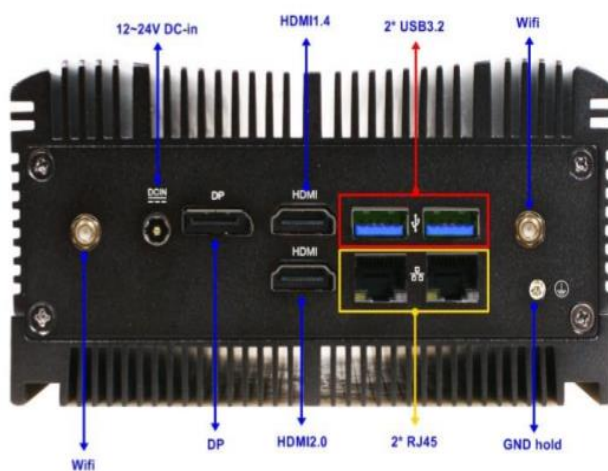
Rugged Mini Q2

I/O Layout

Front



Rear



Dimensions

Unit: mm

