

# Rugged Mini Q v3

## Technical Specifications

### Features

- Intel Elkhart Lake Mobile Processor
- Fanless Design
- Dual Intel LAN
- Small Form Factor
- Wall Mountable
- Compliant with ErP standard
- Windows 11 Compatible
- Supports 3 independent displays



### Specifications

#### System

Processor	Intel Celeron J6412, Quad-Core, 1.5MB Cache, 2.0~2.6Ghz
System Chipset	Elkhart Lake SoC Integrated
Graphics Controller	Intel UHD Graphics for 10 <sup>th</sup> Gen Processors
LAN Chipset	2x 2.5GbE: Intel i225-V
Audio	Realtek ALC888 HD Audio
System Memory	Up to 32GB DDR4 3200 (1 x SO-DIMM)
BIOS	AMI 128Mbit (UEFI Only)
TPM	Intel PTT (fTPM 2.0)
Watchdog	Software Programmable Supports 10~255 sec. System Reset

#### Storage

NVMe	1x M.2 2242 "M-Key" PCIe NVMe) or SATA
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#### Expansion

M.2	1x M.2 2280 "M" Key PCIe x2(Storage) 1x M.2 2230 "E" Key PCIe x1 (WiFi)
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#### Other

Cooling Method	Fanless
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#### I/O

Video	2 x HDMI 1 x DP (Display Port)
USB	2x USB 3.2 Gen 2 Type C (Front) 1x USB 3.2 Gen 2 Type A (Front) 1x USB 2.0 (Front) 1x USB 3.2 Gen 2 (Rear)
LAN	2 x 2.5 GbE RJ45
WLAN	Intel WiFi6 Wireless AX200 + BT 5.2 LE (Optional)
Audio	1 x MIC-in, 1 x Line-out
Other	1 x Power Switch

#### Operating System

Windows	Windows 10 IoT LTSC Windows 11 Pro Windows 11 IoT GAC
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#### Power

Power Input Voltage	12 VDC
Power Connector	1 x Barrel Jack (5.5 x 2.5mm)
Power Adapter	External Power Adapter, 12V @ 3.33A

#### Environment

Operating Temperature	-4° - 140°F (-20° - 60°C)
Storage Temperature	-40° - 185°F (-40° - 85°C)
Humidity	10% - 95%, non-condensing
Certification	CE, FCC, ErP For Base System CE, FCC, TUV, UL, CCC, CB, ErP For Power Adapter

#### Physical

Enclosure Materials	Extruded Aluminum with Heavy Duty Steel
Dimension (W x H x D)	4.92" x 4.29" x 1.75" (125 x 109.2 x 44.5 mm)
Weight	1.68 lb (765 g)
Mounting	Wall Mount

#### Warranty

Warranty	1-year standard
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