

Features

- Intel 11th Gen Mobile Processor
- Fanless Design
- Dual Intel LAN
- Small Form Factor
- Wall & VESA mountable
- Windows 11 Compatible
- ECO-design for EuP/ErP



Rugged Mini Q3

Technical Specifications

Specifications

System	
Processor	Intel Core i5-1135G7, Quad-Core, 8MB Cache, 2.4 ~ 4.2GHz Intel Core i5-1145G7E, Quad-Core, 8MB Cache, 2.6 ~ 4.4GHz/vPro
System Chipset	Tiger Lake SOC Integrated
Graphics Controller	Intel Iris Xe Graphic
LAN Chipset	1x GbE: Intel i219-LM 1x 2.5GbE: Intel i225-V
Audio	Realtek ALC888 HD Audio
System Memory	Up to 64GB DDR4 3200 (2x SO-DIMM)
BIOS	AMI 128Mbit (UEFI Only)
TPM	Intel PTT (fTPM 2.0)
Watchdog	Software Programmable Supports 10~255 sec. System Reset
Operating System	
Windows	Windows 10 IoT LTSC Windows 11 Pro Windows 11 IoT GAC
Storage	
NVMe	1 x M.2 2242 "M-Key" PCIe (NVMe) or SATA
Expansion	
M.2	1x M.2 2230 "E" Key for Wifi 1x M.2 2242 "B" Key for WAN w/nano SIM slot 1x M.2 2242 "M" Key for NVMe or SATA
Other Features	
Cooling Method	Fanless

Physical

Enclosure Materials	Extruded Aluminum
Dimensions (W x H x D)	5.9" x 4.17" x 2.95" (150 x 106 x 75 mm)
Weight	3.65lbs
Mounting	Wall mount, VESA 100 Mount
I/O	
Video	2x HDMI 1x DP via USB 3.2 Type C
USB	2x USB 3.2 Gen 2 Type A (Front) 1x USB 3.2 Gen 2 Type C (Front) 2x USB 3.2 Gen 2 Type C (Rear)
LAN	2x GbE RJ45
WLAN	Intel Wifi6 *Wireless AX200 + BT 5.2 LE (Optional)
Others	1 x Power Switch
Power	
Power Input Voltage	12-24 VDC
Power Connector	1x Barrel Jack
Power Adapter	External Power Adapter, 12V @ 7.5A
Environment	
Operating Temp.	14°F - 122°F (-10°C - 50°C) with air flow
Storage Temp.	-4°F to 140°F (-20°C - 60°C)
Humidity	10% to 90% non-condensing
Certification	CE, FCC, ErP for Barebone CE, FCC, TUV, UL, CCC, CB, ErP for Power Adapter
Warranty	
Warranty	1-year standard