

Rugged Mini C1 v2

Technical Specifications

Features

- Intel 11th Gen. Mobile Processor
- Fanless Design
- Planned Lifecycle through 2035 min.
- Dual Intel LAN
- Small Form Factor
- Wall & DIN Rail Mountable
- ECO-design for EuP/ErP
- Windows 11 Compatible



Specifications

System

Processor	Intel Core i5-1135G7, Quad-Core, 8MB Cache, 2.4~4.2 GHz Intel Core i5-1145G7E, Quad-Core, 8MB Cache, 2.6~4.4Hzw/vPro
System Chipset	Tiger Lake SoC Integrated
Graphics Controller	Intel Iris Xe Graphics
LAN Chipset	1 x GbE: Intel i219- LM 1 x 2.5 GbE: Intel i225 – LM
Audio	Realtek ALC888S
System Memory	Up to 64GB DDR4 2666 (2 x SO-DIMM)
BIOS	AMI 128Mbit (UEFI Only)
TPM	Intel PTT (fTPM 2.0) and Nuvoton (dTPM 2.0)
vPro	Optional w/Core i5-1145G7E
Watchdog	Software Programmable Supports 10~255 sec. System Reset

Storage

SSD/HDD	1 x 2.5" SATA Bay
NVMe	1 x M.2 2280 "M" Key PCIe x 4 NVMe support

Expansion

SIM Socket	1 x Micro SIM
M.2	1 x M.2 2280 "M" Key PCIe x 4 NVMe support 1 x M.2 2230 "E" Key PCIe x 1 (WiFi)

Other

Cooling Method	Fanless
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I/O

Video	2 x HDMI 2 x DP (Display Port)
COM	4 x D89 Serial Ports RS232/422/485
USB	2 x USB 2.0 (Front) 4 x USB 3.2 Gen 2 (Rear)
LAN	2 x GbE RJ45
WLAN	Intel Wireless AC-9260 + BT 5.1 (Optional) 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 Pro 64bit Windows 11 Pro 64bit
Linux	Yes

Power

Power Input Voltage	12~24 VDC
Power Connector	1 x Barrel Jack
Power Adapter	External Power Adapter, 12V @ 5A

Environment

Operating Temperature	32°F to 122°F (0°C to 50°C) with air flow
Storage Temperature	14°F to 158°F (-10°C to 70°C)
Relative Humidity	40% - 60%, non-condensing
Certification	CE, FCC, ErP for Barebone, 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)	7.59" x 5.59" x 2.44" (193mm x 142mm x 62mm)
Weight	
Mounting	Wall Mount DIN Rail Mount

Warranty

Warranty	1-year standard
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I/O Layout

[illegible]