

iPC R10

Rugged Mini PC



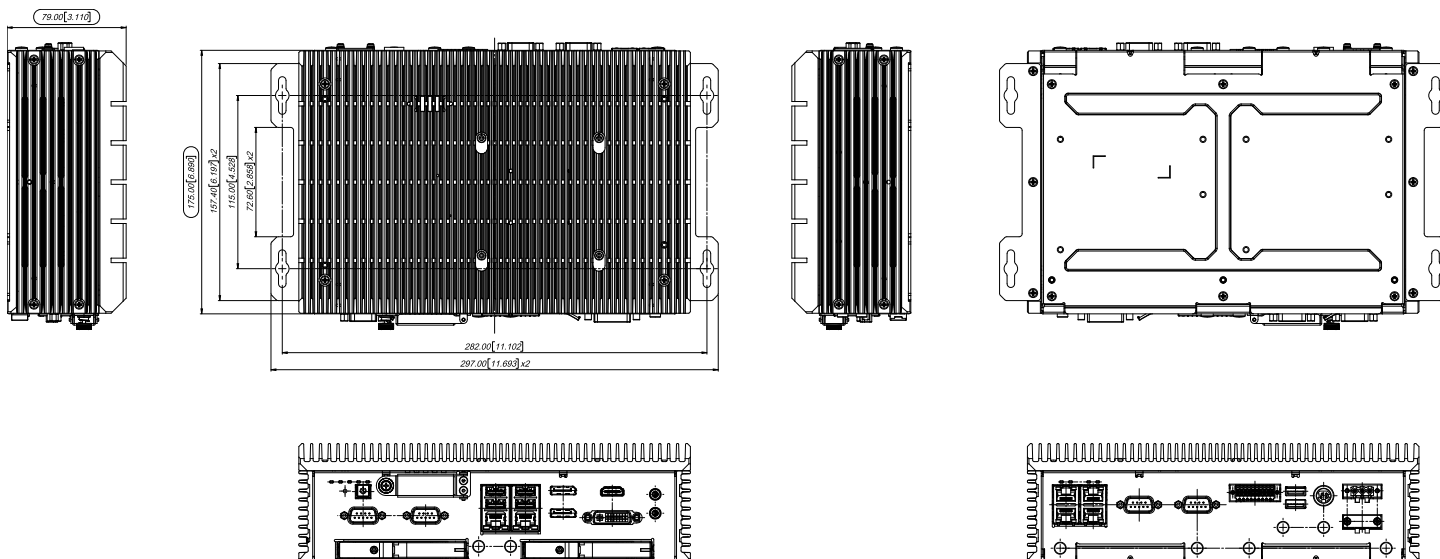
Main Features

- Ignition Control
- Industrial Shock & Vibration Rated
- Fanless Design
- CE, FCC, & RoHS Certified
- Locking Removeable Drive Bays



Technical Specifications

CPU Support	13th Generation Intel Core i3, i5, i7, & i9 Processors
Chipset	Intel R680E
Memory	2x DDR4 3200MHz SO-DIMM sockets, populated up to 64GB
Operating System	Windows 11, Windows 10, Windows IoT, Linux
Video & Graphics	Intel UHD Graphics 770/730
Networking	1x Gigabit (Gbe) Intel i219LM 1x 2.5 Gigabit (2.5GbE) Intel i226
Wireless	Intel Tri-Band WiFi 6E 802.11ax, 802.11 a/b/g/n/ac, + Bluetooth 5.2 Integrated 3G/4G LTE Mobile Broadband (Optional)
Expansion Slots	1x miniPCIe (Full-Size) 1x M.2 E Key Short Slot (2230) for WiFi/Bluetooth module 1x M.2 M Key Slot (2280) for NVMe SSD 1x M.2 B Key Slot (3042/3052) for optional LTE module
HDD Support	2x 2.5" Solid State Drives, supports SW RAID 0 & 1
Display Outputs	2x Display Port / 7680 x 4320 @ 60Hz / 5120 x 2880 @ 60Hz 1x DVI-I / 1920 x 1200 @ 60Hz 1x HDMI / 1920 x 1080 @ 60Hz
Power Supply	160W External Supply with High Voltage Surge Protection. DC-IN: 9V~50V
Relative Humidity	5%~95% (non-condensing)
Shock & Vibration	IEC60068-2-27 & IEC60068-2-64



Mechanical & Environmental

Dimensions	10.24" x 6.89" x 3.11" (L,W,D)
Weight	8.4 lb
Wall Mount	Custom Mounting Bracket for Wall, VESA, Din Rail or Rack Mount Solutions
Environment	Operating Temperature, 35W TDP CPU : -40°C to 75°C (-40°F to 167°F) Operating Temperature, 65W TDP CPU : -40°C to 55°C (-40°F to 131°F)
Certifications	FCC, CE, EN50155, EN50121-3-2, IEC60068-2-64, IEC60068-2-27

Input/Output

I/O Ports	6x USB 3.2 Ports 16x GPIO 4x Serial Ports (RS-232/422/485) 2x SIM Card Sockets 1x Gigabit (GbE) Port 1x Terminal block for Power on/off switch and Ignition switch	2x DP Out 1x DVI-I 1x HDMI 1x Terminal DC-in (9~50V input) 1x DC-In (9~50V input)
Audio	Realtek ALC888-VD High Definition Audio, Dolby Digital 7.1 surround sound, 10 channels of enhanced sound quality, multiple audio streams and jack re-tasking	

Optional Features

- Hardware RAID Configuration
- 4G LTE Wireless Data Adapter
- Up to 32GB of Memory
- Extended Warranties
- Windows IoT
- Secondary Hard Drive



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