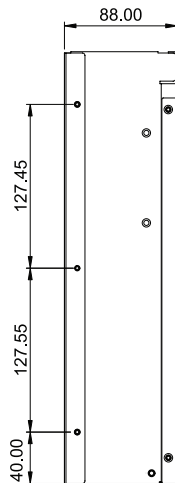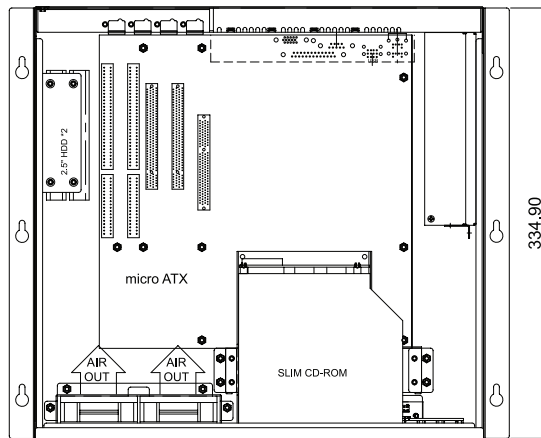# Impact-R 1510

Features

The Impact-R series utilise industrial components, which provide revision control together with a 15-year product life. Our production processes are controlled under ISO 9001 and every system undergoes a full diagnostic burn-in prior to shipment.

- Intel® CML Processor support
- Up to 64GB RAM
- 3 PCIe slots
- Compact design
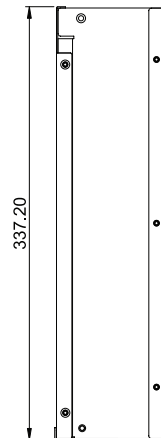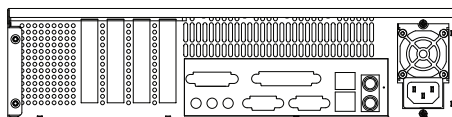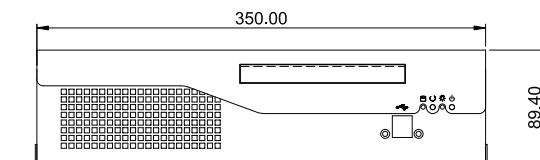- Wall/Desk/Rack Mountable

Dimensions

88.00

127.45

127.55

40.00

2.5" HDD *2

micro ATX

AIR OUT AIR OUT SLIM CD-ROM

334.90

337.20

Left-side View

Top View

Right-side View

350.00

89.40

Rear View

Front out-side View

Impact-R 1510

Specifications

The information is believed to be accurate. However Amplicon Liveline Limited accepts no responsibility for any problems caused by errors and omissions. Specifications are subject to change without notice.

Hardware Specification	CPU: Intel® LGA1200 10th generation CoreTM i7/i5/i3, PentiumTM and CeleronTM Chipset: Intel® Q 470E Chipset Memory: 2 x 260-pin So-DIMM dual channel DDR4-2933, up 64 GB LAN: Dual Intel® GbE (i219LM/i211)	LEDs and Switches	Power (PC on LED) Hard disk access LED ATX system control switch
Storage	2 x 2.5" SSD/HDD Support for RAID 0 and 1 M.2 2280 supports NVME	Main board power options	AC Power
System Expansion	3 full height PCIe (x16, x8, 4)*1 1 x M.2 2230 E Key	Electrical Ratings	Voltage: 100 ~ 240 VAC full range Frequency: 47 ~ 63Hz Input current: 6.0 / 3.0A for 47Hz / 63Hz PSU maximum secondary loading: 300W* (+3.3V and +5V combined load should not exceed 110W) Active PFC Over power / voltage / current / temperature protection Short circuit protection *Higher rated and DC power supply options are available. We recommend that you discuss your power requirements before placing your order.
System Architecture	Industrial use mini-ITX motherboard		
Supported O/S *2	Windows 10, Linux		
External Interfaces	4 x USB 3.0 gen 2 2 x USB 3.0 2 x RJ45 LAN 1 x DP++ 1 x HDMI MIC-in/Line-in/Line-out	Reliability	System MTBF: Critical components failure >45,000 hrs @ 25°C (we can provide information for specific configurations) Full burn-in diagnostic run on every system
		Environmental storage	Temperature: -20 C to 70 C Humidity : 5% to 90% @ 20 C
Mechanical	Design: Rugged compact embedded design Cooling: Fanless design Construction: Extruded Aluminium Colour: Black Dimension: 200 x x 220mm (W x H x D) Packaging: x x (W x H x D) Gross Weight: 2.8kg	Environmental operation	Acoustic noise: Near silent operation Operating Temperature: 0°C to 55°C Humidity: 10 to 90% non-condensing
		Certifications	CE/UKCA

*1 PCIe lanes are dynamically spread over the 3 slots
*2 Skylake CPU only. KabyLake will support Windows 10 64bit only