

## Impact-R 1080



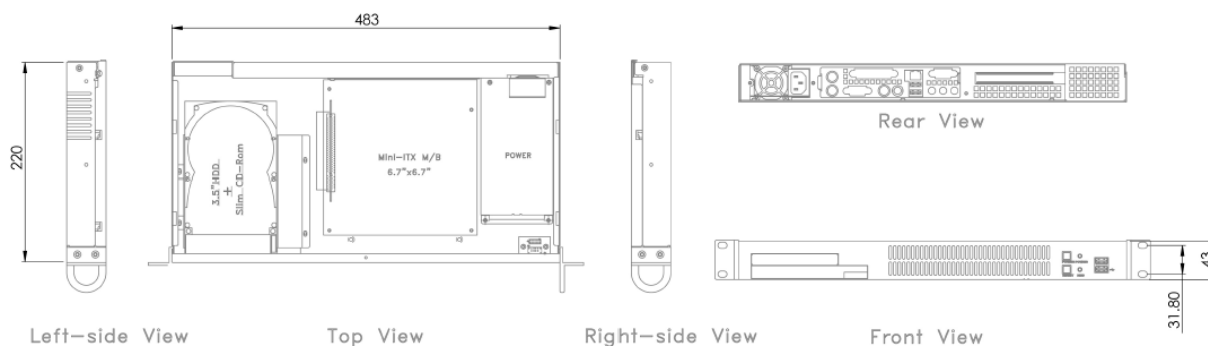
### Features

The Impact-R 1080 series are powered by Intel® based commercial motherboards, delivering a compact and flexible computer platform.

- Intel® Coffee lake CPU architecture
- DDR4 Memory up to 32GB
- Supports 3 native displays simultaneously

Our production processes are controlled under ISO 9001 and every system undergoes a full diagnostic burn-in prior to shipment.

### Dimensions



# Impact-R 1080

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.

## Specifications

Hardware Specification	CPU: Intel® LGA1200 8th/9th Generation Core™ i7/i5/i3 Chipset: Intel® Q370 Memory: 2 x DIMM - max 32GB DDR4 2666MHz non-ECC LAN: Intel® I211AT/I219LM GbE	Mechanical	Design: EIA RS-310C 19" Rackmount Standard Construction: Heavy Duty Cold Rolled Electroplated Steel Colour: Black (custom colours available for large orders) Dimension: 483 x 43 x 220mm (19" x 1.7" x 8.7") Package Size: 57.3 x 18.5 x 35.5 (22.6" x 7.3" x 1.4") Internal Cooling: 1 x 40mm ball bearing fan Gross Weight: approximately 10kg
Display	1x HDMI, Resolution max. up to 4096x2304 @30Hz. 1 x DP++, resolution up to 4096x2160 @ 60Hz		
BIOS	AMI		
Storage	Total Drive capacity: 1 x 2.5" bay M.2 Key M (2242/2260/2280); supports NVMe Bay for slim DVD	Environmental operation	Acoustic noise: Approximately 44dB(A) sound pressure 23°C (typical) Temperature: 0 to 60°C (tested for extended operation up to 50°C) Humidity: 5 to 90% at 25°C non-condensing
System Expansion (low profile)	1 x PCIe x16 (Gen 3) 1 x M.2 E key (2230)	Environmental storage	Temperature: -20 to 65°C Humidity: 5 to 90% at 25°C non-condensing
		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.
System Architecture	Intel® Based Industrial motherboard	Certifications	CE/UKCA
Supported O/S	Windows 10/Linux		
External Interfaces	Front: 2 x USB 2.0 On/Off Switch, Reset Pwr/HDD LEDs  Rear: 2 x GbE (RJ-45) 1 x RS232/422/485 (DB-9) 1 x RS232 (DB-9) 4 x USB 3.2 Gen1 2 x USB 2.0 1 x HDMI, 1 x DP++, 1 x Line-out, 1 x Mic-in		