

# Impact 4100



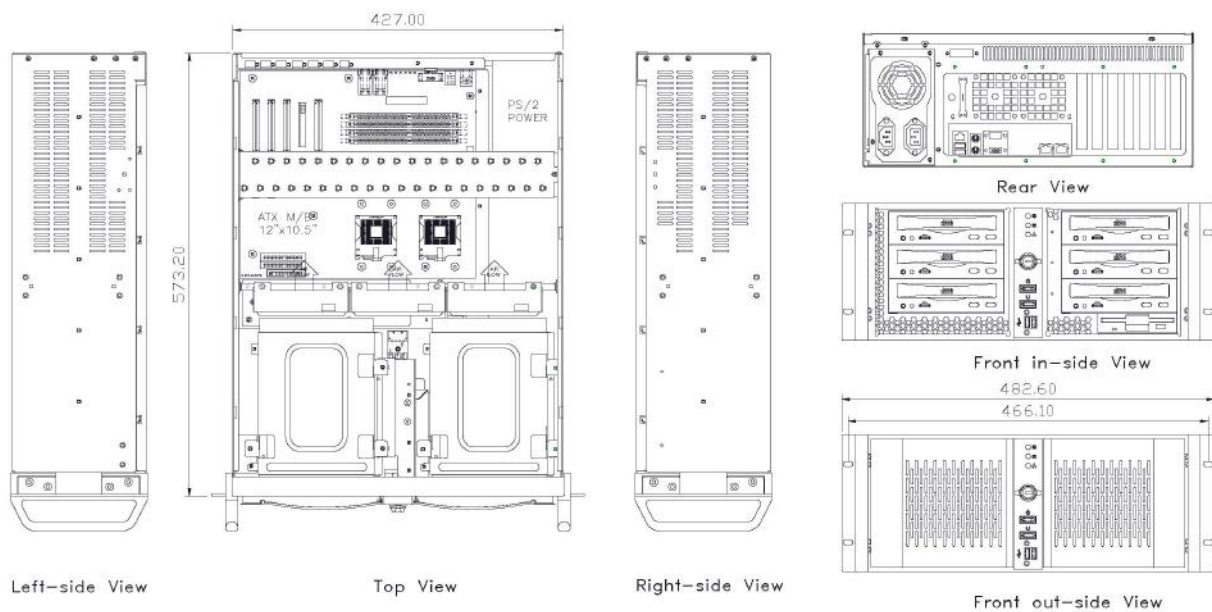
## Features

The Impact 4100 series computers are powered by Intel® based commercial motherboards, delivering a compact and flexible computer platform.

- Intel® Comet Lake CPU architecture
- DDR4 Memory up to 128GB
- 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



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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 10th Generation Core™ i7/i5/i3 Supports Intel® 14nm Supports Intel® Turbo Boost Technology 2.0*1 Chipset: Intel® B460 Memory: 4 x DIMM - max 128GB DDR4 2933MHz non-ECC LAN: RealTek® RTL8111H GbE	Environmental operation	Temperature: -20 to 65°C Humidity: 5 to 90% at 25°C non-condensing
BIOS	AMI	Mechanical	Design: EIA RS-310C 19" Rackmount Standard Construction: 1.2mm SECC Zinc-Coated Steel Security: Lockable front door Colour: Black (custom colours available for large orders) Dimensions: 483 x 177 x 573mm (19.0" x 7.0" x 22.6") Packaging Size: 590mm x 331mm x 750mm (23.2" x 13.0" x 29.5") Cooling: 3x 120mm ball bearing fan Air filter: removable (washable) Gross Weight: approximately 22 kg
Display	DP1.2: resolution up to 4096x2304 @ 60Hz	Environmental storage	Acoustic noise: Approximately 49dB(A) sound pressure at 23°C (typical) Temperature: 5 to 45°C (tested for extended operation up to 50°C) Humidity: 5 to 90% at 25°C non-condensing
Storage*3/4	Total Drive capacity: 6 x 5.25" external, 1 x 3.5" external, 1 x 3.5" internal RAID: 0, 1, 5, 10 *Options for mSATA available and M.2	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 Expansion	1 x PCIe x16 slot (revision 3.0/2.0) 2 x PCIe x1 slots (revision 3.0/2.0) 1 x M.2 M key Sata/PCIe 1 x M.2 M key PCIe 3.0 x 4 NVME	Certifications	CE/UKCA
System Architecture	Intel® Based commercial motherboard		
Supported O/S	Windows 10/Linux		
External Interfaces	Front: 2 x USB 2.0/1.1 On/Off Switch, Reset Pwr/HDD LEDs Rear: 1 x PS/2 keyboard/mouse combo port(s) 1 x DVI-D 1 x DisplayPort 1 x HDMI 1 x LAN (RJ45) port(s) 4 x USB 3.2 Gen 1 Type-A 2 x USB 2.0 3 x Audio jack(s)		

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