## Impact-R 3080



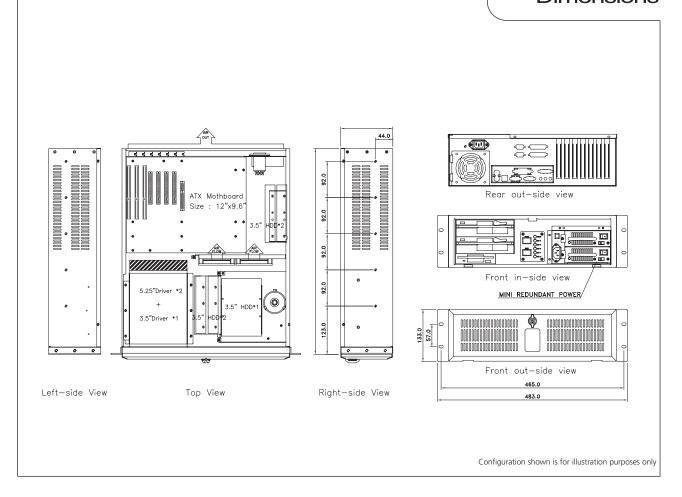
#### **Features**

The Impact-R 3080 series computers are powered by Intel® based motherboards, delivering a compact and flexible computer platform.

- Intel® Coffee lake CPU architecture
- DDR4 Memory up to 64GB
- Supports 3 native displays

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

### **Dimensions**



**AmpliconFrance.com** 

Tél: 04 37 28 30 34

PC Industriels et Instrumentation pour l'industrie



Email: contact@ampliconfrance.com

# Impact-R 3080

eline Limited accepts no responsibility for any problems caused by errors and omissions. Specifications are subject to change without notice.

## **Specifications**

Hardware Specification	CPU: Intel® LGA1151 8th Generation Chipset: Intel® Q 370 Memory: 4 x DIMM (max 128GB DDR4 2666MHz non-ECC Dual channel architecture) Graphics: Integrated GPU:	Mechanical	Design: EIA RS-310C 19* Rackmount Standard Construction: 1.2mm SECC Zinc-Coated Steel Security: Lockable front door Color: Black (custom colours available for large orders) Dimensions: 483(W) x 133(H) x 526(D)mm (19.0* x 5.2* x 20.7*) Packaging Size: 588(W) x 285(H) x 703(D)mm (23.1* x 11.2* x 27.7*) Total drive capacity: 2 x 5.25*, 1 x 3.5* external, 4 x 3.5* internal Cooling: 1 x 80mm, 2 x 92mm ball bearing fan Air filter: removeable (washable) Gross Weight: approximately 18 kg
BIOS Storage	AMI Total Drive capacity:	Environmental operation  Environmental storage	Acoustic noise: Approximately 49dB(A) sound pressure at 23°C (typical) Temperature: 5 to 60°C (tested for extended operation up to 50°C) Humidity: 5 to 90% at 25°C non-condensing
	2 x 5.25", 1 x 3.5" external, 4 x 3.5" internal RAID: 0, 1, 5, 10 *Options for mSATA available and M.2		Temperature: -20 to 70°C Humidity: 5 to 90% at 25°C non-condensing
System Expansion	1 x PCle x16 (Gen 3) 2 x PCle x4 (Gen 3) 4 x PCl 1 x mPCle	Electromagnetic Compatibility (EMC)	EN55032 Class A EN55024 Electrostatic discharge immunity test (EN61000-4-2)
System Architecture	ATX		Enclosure port  ±4kV Contact, applied to enclosure port  ±8kV Air, applied to enclosure port  Radiated, radio-frequency, electromagnetic field immunity test
Supported O/S	Microsoft Windows 10 64-bit		
LED's and Switches	Power (PC on) LED Hard Disk Drive access LED ATX system control switch System reset switch		(EN61000-4-3)  Enclosure port 80-1000MHz, 10 V/m (RMS, no modulation) 80% Modulation with 1kHz Sine wave
External Interfaces	Front: 2 x USB 2.0/1.1 On/Off Switch, Reset Pwr/HDD LEDs Rear: 2 x GbE (RJ-45) 2 x USB 3.1 (Gen1) 2 x USB 3.1 (Gen2) 1 RS-232/422/485 (DB-9) 1 x PS/2 (mini-DIN-6) 1 x VGA 1 x DVI-I (DVI-D signal) 1 x DP++ 1x HDMI 1 x Line-out, 1 x Mic-in		Electrical fast transient/burst immunity test (EN61000-4-4) Power port AC, inc. protective earth Severity ±0.5kV  Surge Immunity test (EN61000-4-5) Power port Severity ±0.5kV applied line to earth  Immunity to conducted disturbances induced by radiofrequency fields (EN61000-4-6)
Optional Breakout Interfaces (Will use 1 slot per breakout)	5 x DB9 (1 x RS232/422/485, 4 x RS232) Optional TPM 2.0 1x Dual USB 3.1 (Gen 1) 5x USB 2.0 8 Channel Programmable Digital I/O		Power port inc. protective earth via CDN M3 0.15-80MHz, 10 V/m (no modulation) 80% Modulation with 1kHz Sine wave, applied via CDN Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements.

**PC Industriels et Instrumentation** 

pour l'industrie

Email: contact@ampliconfrance.com

Tél: 04 37 28 30 34

**AmpliconFrance.com**