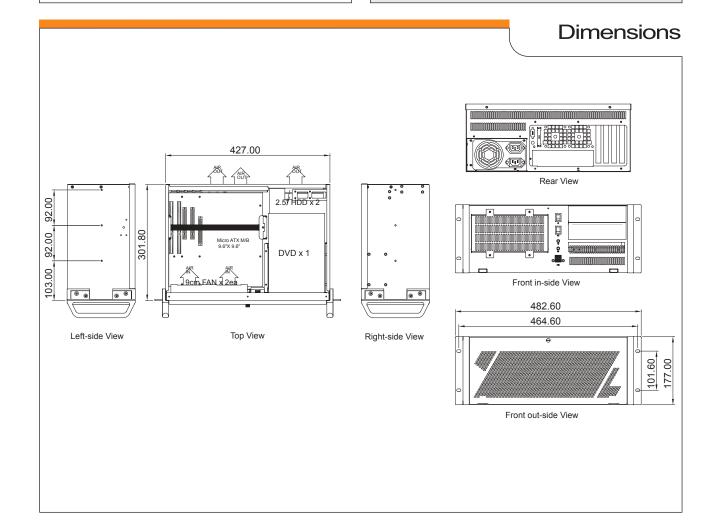
## Impact-R 4080S/4090S

## Features

The Impact-R 4080S/4090S 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 dual native displays simultaneously

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



Sales: +44 (0) 1273 570 220 Admin: +44 (0) 1273 608 331 Fax: +44 (0) 1273 570 215 Website: www.amplicon.com Email: sales@amplicon.com



## Impact-R 4080S/4090S

he 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® LGA1151 8th Gen (408xS models) or 9th Gen (409xS models) Celeron/Pentium/i3/i5/i7 Chipset: Intel® H310 Memory: Dual DIMM (max 64GB DDR4 2666MHz non-ECC) Graphics: Integrated GPU: DP - max 4096*2304 @ 60Hz DVI-D - max 1920*1200 @ 60Hz VGA - max 1920*1200 @ 60Hz LAN: Dual Intel® GbE (Realtek RTL8111G)	Environmental operation	Vibration: 0.25g sine sweep @ 1 octave per minute from: 10 to 500Hz (longitudinal)* Shock: 10G 1/2 sine 11ms* * Higher levels are achievable by use of an SSD, or ruggedized hard drive. Acoustic noise: 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 Low noise fan options are available (maximum operating temperature 35°C) We can design systems to meet additional requirements
BIOS	AMI EFI 128 Mbit SPI	Environmental	Temperature: -20 to 70°C
Storage	2 x 2.5" SSD/HDD 1 x M.2 (B Key) (2242/3042)	storage	Humidity: 5 to 90% at 25°C non-condensing
		Certifications	CE/UKCA
System Expansion	1 x PClex16 1 x PClex1 2 x PCl M.2 (B Key) 1 (2242/3042 with SIM card holder)		
System Architecture	Micro ATX		
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		
External Interfaces	Front: 2 x USB 2.0/1.1 On/Off Switch, Reset Pwr/HDD LED Rear: 2 x G5bE (RJ-45) 8 x USB 3.1 (Gen1) 4 x USB 2.0 1 x VGA 1 x DVI-I (DVI-D signal) 1 x DP++ 1 x Line-out 1 x Mic-in		
Optional Breakout Interfaces (Will use 1 slot per breakout)	8 x RS-232, 2 x RS-232/422/485 4 USB 2.0 Ps/2		
iAMT	Rev: 12.0		
Mechanical	Design: EIA RS-310C 19" Rackmount Standard Construction: Heavy Duty Cold Rolled Electroplated Steel Color: Black (Standard), Beige or Custom Dimensions: 483(W) x 177(H)x 302(D)mm (19" x 7" x 11.9") Package Size: 605(W) x 340(H) x 545(D)mm (23.8" x 13.4" x 21.4") Cooling Units: 2x92mm(S1CFM each) & 2x60mm(23.5CFM each) Gross Weight: 12.1 kg		

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