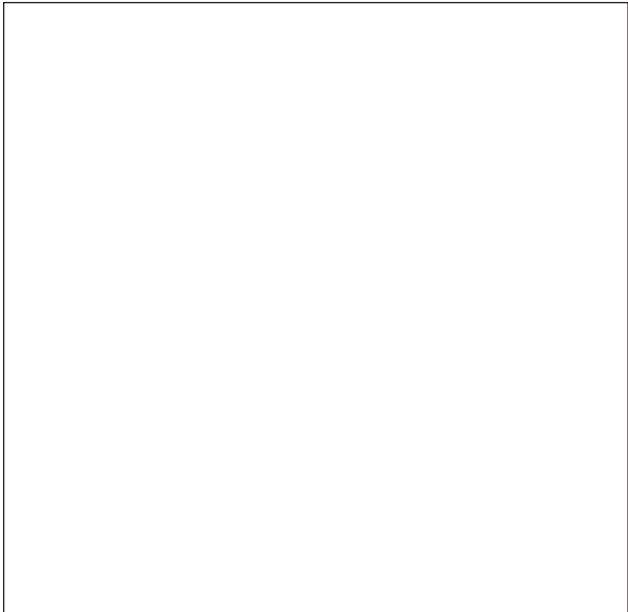


# Impact 3120



## Features

The Impact 3120 series computers are powered by Intel® based commercial motherboards, delivering a compact and flexible computer platform.

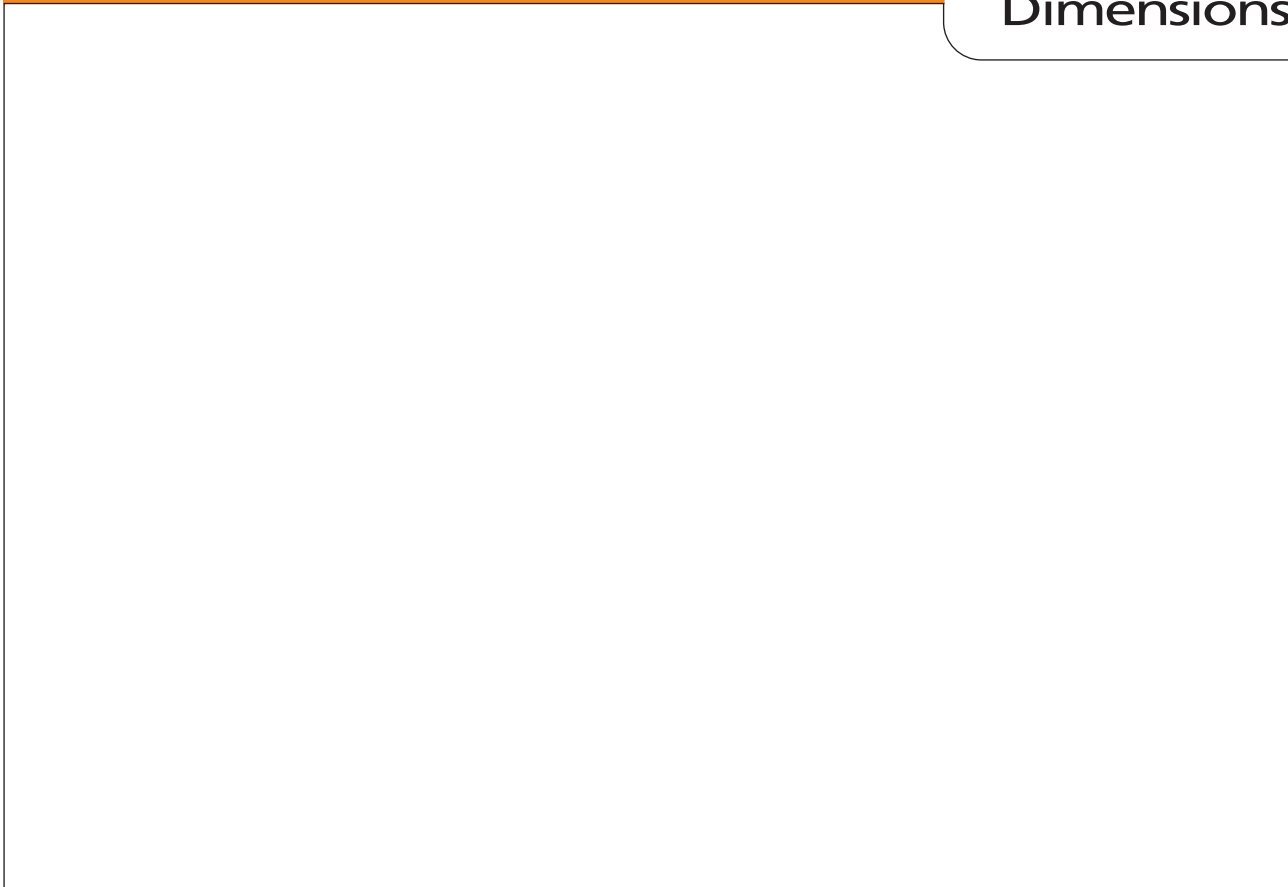
Key features:

- Intel® Alder 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



## Impact 3120

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® LGA1700 12th Generation Core™ i7/i5/i3 Supports Intel® 14nm Supports Intel® Turbo Boost Technology 2.0*1 Chipset: Intel® B660 Memory: 4 x DIMM - max 128GB DDR4 3200MHz non-ECC LAN: Intel® 1Gb Ethernet	Electrical Ratings	Voltage: 90 ~ 264 VAC full range Frequency: 47~63Hz Input current: 8.0 / 4.0A for 115 / 230 VAC Inrush current: 80A max PSU maximum secondary loading: 400W* Active PFC EMI noise filter Over power / voltage / current 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.
BIOS	AMI	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
Display	Supports max. 4K@60Hz as specified in DisplayPort 1.4. Supports 4K@60Hz as specified in HDMI 2.1.		
Storage	Total drive capacity: 2 x 5.25", 1 x 3.5" external 4 x 3.5" internal RAID: 0, 1, 5, 10 Dual M.2 also available 4 x SATA ports		
System Expansion	1 x PCIe 4.0/3.0 x16 slot 1 x PCIe 3.0 x16 slot (supports x4 mode) 1 x PCIe 3.0 x16 slot (supports x1 mode) M.2_1 slot (Key M), type 2242/2260/2280 M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)	Environmental Operation	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
Supported O/S	Windows 11 / 10 / Linux	Environmental Storage	Temperature: -20 to 65°C Humidity: 5 to 90% at 25°C non-condensing
System Architecture	Intel® Based commercial motherboard	Certifications	UKCA/CE
External Interfaces	Front: 2 x USB 2.0/1.1 On/Off Switch, Reset Pwr/HDD LEDs Rear: 2 x USB 3.2 Gen 2 ports (2 x Type-A ) 4 x USB 2.0 ports (4 x Type-A) 1 x DisplayPort 2 x HDMI® ports 1 x Intel® 1Gb Ethernet port 3 x Audio jacks 1 x PS/2 Keyboard/Mouse combo port		

## Rear I/O plate