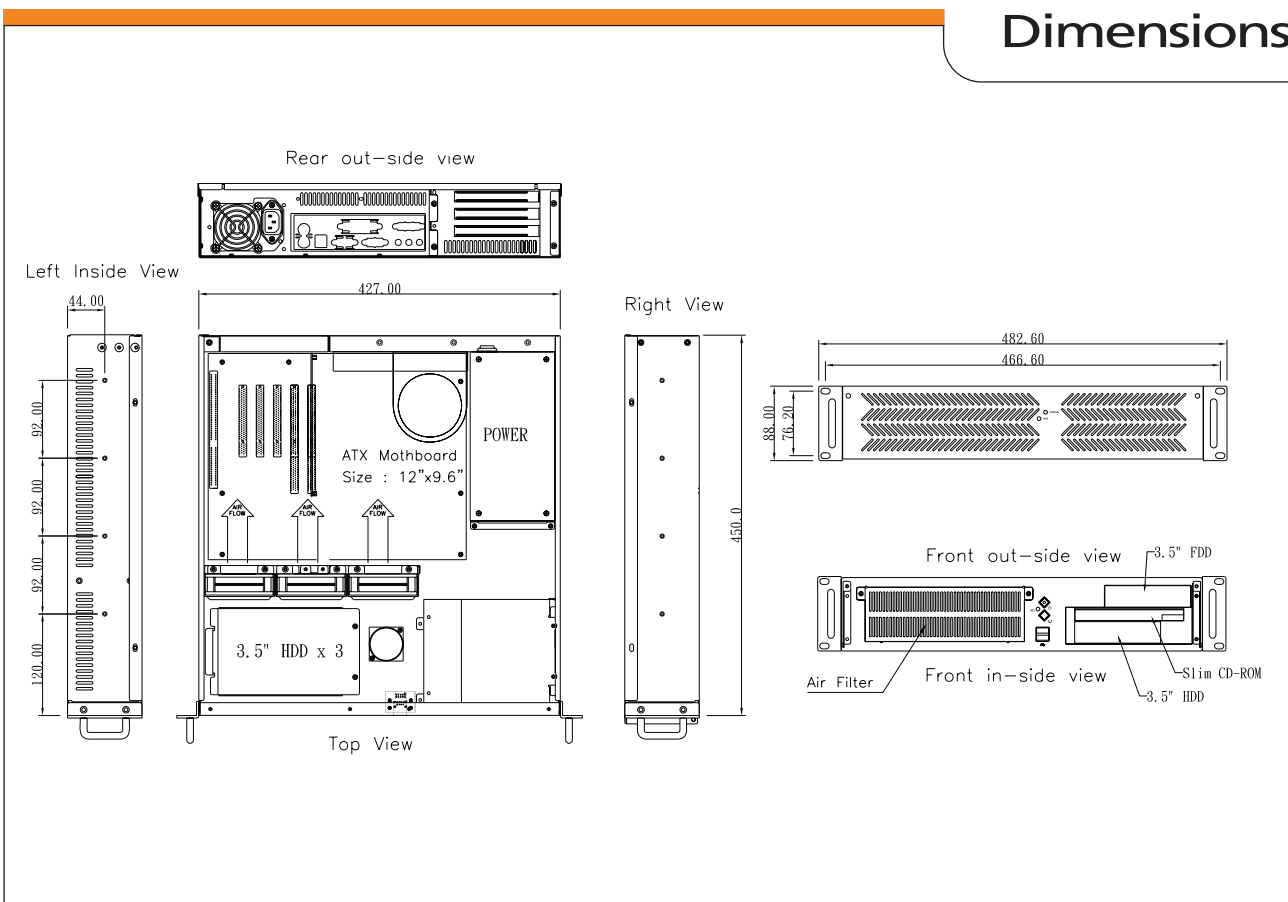# PCR2UA212

Features

The Impact 2120 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

Rear out-side view

Left Inside View

44.00
92.00
92.00
92.00
120.00

427.00

ATX Mothboard
Size : 12"x9.6"

POWER

AIR FLOW   AIR FLOW   AIR FLOW

3.5" HDD x 3

Top View

Right View

450.0

482.60
466.60

88.00
76.20

Front out-side view   3.5" FDD

Air Filter   Front in-side view   Slim CD-ROM
3.5" HDD

2 Chemin du Vieux Moulin
69160, Tassin-la-Demi-Lune

![ALTRONICS logo]

www.altronics.fr
info@altronics.fr
+33 (0) 472 370 0470

PCR2UA212

Specifications

Hardware Specification	CPU: Intel® LGA1700 12th Generation Core™ i7/i5/i3 Chipset: Intel® B660 Memory: 4 x DIMM - max 128GB DDR4 3200MHz non-ECC LAN: Intel® 1Gb Ethernet
BIOS	AMI
Display	Supports max. 4K@60Hz as specified in DisplayPort 1.4. Supports 4K@60Hz as specified in HDMI 2.1.
Storage	Total Drive capacity: 4 x 3.5" HDD & 1 x 5.25" bay, or 5 x 3.5" HDD & 1 x Slim DVD 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)
Supported O/S	Windows 11 / 10 / Linux
System Architecture	Intel® Based commercial motherboard
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

Mechanical	Design: EIA RS-310C 19" Rackmount Standard Construction: Heavy Duty Cold Rolled Electroplated Steel Color: Black (custom colours available for large orders) Dimensions: 483(W) x 88(H)x 450(D)mm (19.0" x 3.5" x 17.7") Package Size: 615(W) x 224(H) x 600(D)mm (24.2" x 8.8" x 23.6") Total drive capacity: 1 x Slim 5.25" external, 1 x 3.5" external, 4 x 3.5" internal or 1 x 5.25" external, 1 x 3.5" external, 3 x 3.5" internal Cooling: 3 x 80mm ball bearing fans (42.5 CFM each) Air filter: removeable (washable) Gross Weight: approximately 17 kg
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
Environmental Storage	Temperature: -20 to 65°C Humidity: 5 to 90% at 25°C non-condensing
	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.
Certifications	UKCA / CE