

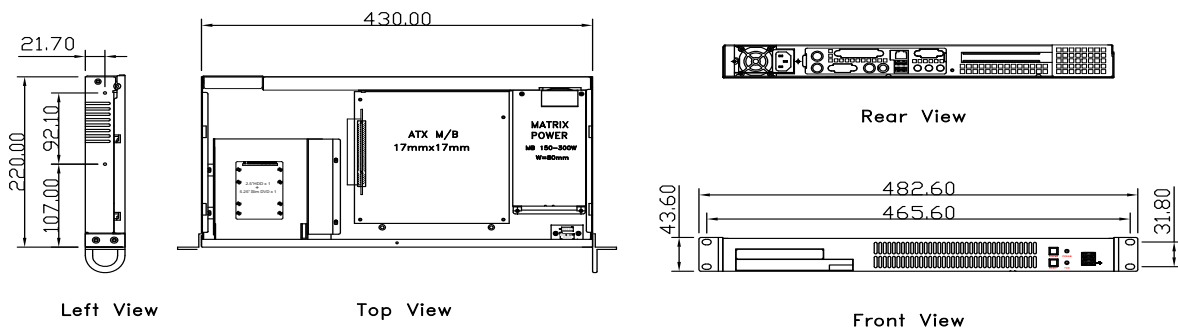
Impact-R 1000LP



Features

- 3 year warranty
- Low power Intel ATOM
- Shallow depth
- Quiet operation
- PCI expansion slot
- Assembled and tested within a lean manufacturing environment under ISO 9001

Dimensions



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Impact-R 1000LP

Specifications

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.

Hardware specification	Impact-R 1000LP - Intel Atom N270 1.6GHz onboard with FSB 533MHz Chipset: Intel 945GSE + ICH7M Main memory: 1GB DDR2 400 / 533MHz (maximum 2GB) Video: Intel GMA 950 graphics core LAN: 2 ports as 10/100/1000Mbps support Wake-on-LAN, PXE Boot ROM with Realtek RTL8111B Watchdog timer: 255 levels, 1-255 seconds Hardware Monitor: Monitors CPU temperature, system temperature, voltage and fan speed	Electromagnetic compatibility (EMC)	EN55022 Class A EN55024 Industrial severity (where applicable) Electrostatic discharge immunity test (EN61000-4-2) ±4kV Contact, applied to enclosure port ±8kV Air, applied to enclosure port ±4kV Indirect, applied to coupling plane Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3) 80-1000MHz, 10 V/m (RMS, no modulation) 80% Modulation with 1kHz Sine wave Electrical fast transient/burst immunity test (EN61000-4-4) Power port AC, inc. protective earth Severity ±2kV Surge Immunity test (EN61000-4-5) Power port AC Severity ±2kV applied line to line Severity ±2kV applied line to earth Immunity to conducted disturbances induced by radio frequency fields (EN61000-4-6) Power port AC, inc. protective earth via CDN M3 0.15-80MHz, 10 V/m (no modulation) 80% Modulation with 1kHz Sine wave, applied via CDN type M3 Voltage dips, short interrupts and voltages variations immunity tests (EN61000-4-11) Power port AC >95% Reduction, 0.5 Periods >30% Reduction, 25 Periods >95% Reduction, 250 Periods Voltage dips, short interrupts and voltages variations immunity tests (EN61000-6-2) Power port AC >30% Reduction, 0.5 Periods >60% Reduction, 25 Periods >100% Reduction, 250 Periods Limits for harmonic current measurement (EN 61000-3-2), Product Class D Limitation of voltage changes, voltage fluctuations and flicker (EN 61000-3-3) Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements.
BIOS	AMI	Safety	Safety of information technology equipment (EN 60950) CE Marked
Storage	160GB SATA HDD DVDRW drive (slim-line DVD) Total drive capacity: 1 x DVDWRW, 1 x 3.5" HDD We can provide storage and backup solutions for any application	Electrical ratings	Voltage: 100 - 240 VAC full range Frequency: 47 - 63Hz Input current: 6.0 / 3.0A for 115 / 230 VAC Inrush current: 60 / 80A max for 115 / 230 VAC PSU maximum secondary loading: 250W Typical power draw 30-40W (excluding PCI card) Active PFC Power factor >0.96 at full load 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
System expansion	1 x PCI slots (190 mm length*) *Cannot accept full width PCI cards, please check		
System architecture	Mini ITX SBC PCI V2.2 Compliant		
Supported OS (Operating System)	Windows XP, Windows Vista, Windows 7 and Linux. If your desired operating system is not listed or you wish to check support for a specific version of Linux, please contact us.		
Internal interfaces	SATA: Serial ATA Ports, bandwidth 150MB/s x 2 CompactFlash Socket : One CompactFlash Type II Socket Serial Ports: One RS-232/422/485, Five ports for RS-232 Eight USB ports with fuse protection and complies with USB 2.0 compliant Mouse: Mini-DIN PS/2 x 1 Keyboard: Mini-DIN PS/2 x 1 4-pin for speaker x 1		
LEDs and switches	Power (PC ON) LED Hard disk access LED Front: ATX system control switch, system reset		
External interfaces	Front USB: 2 ports Rear USB: 4 ports Serial: COM1, COM2, COM3 (9 pin D-Type) VGA: DB-15 connector x 1 LAN: RJ45 Ethernet x 2 Audio: MIC-In, Line Out, Speaker Out Mouse: Mini-DIN PS/2 x 1 Keyboard: Mini-DIN PS/2 x 1		
Mechanical	Design: EIA RS-310C 19" Rackmount Standard Construction: Heavy duty cold rolled electroplated steel Colour: Black (custom colours available for large orders) Dimensions: 483 x 43 x 220mm (19" x 1.7" x 8.7") Packaging size: 57.3 x 18.5 x 35.5 (22.6" x 7.3" x 14" Gross weight: approximately 3.8kg		
Environmental operational	Temperature: 5 to 50°C Humidity: 5 to 90% at 25°C non-condensing We can design systems to meet additional requirements		
Environmental storage	Temperature: -20 to 60°C Humidity: 5 to 90% at 25°C non-condensing		

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