

Impact 2010 series



Features

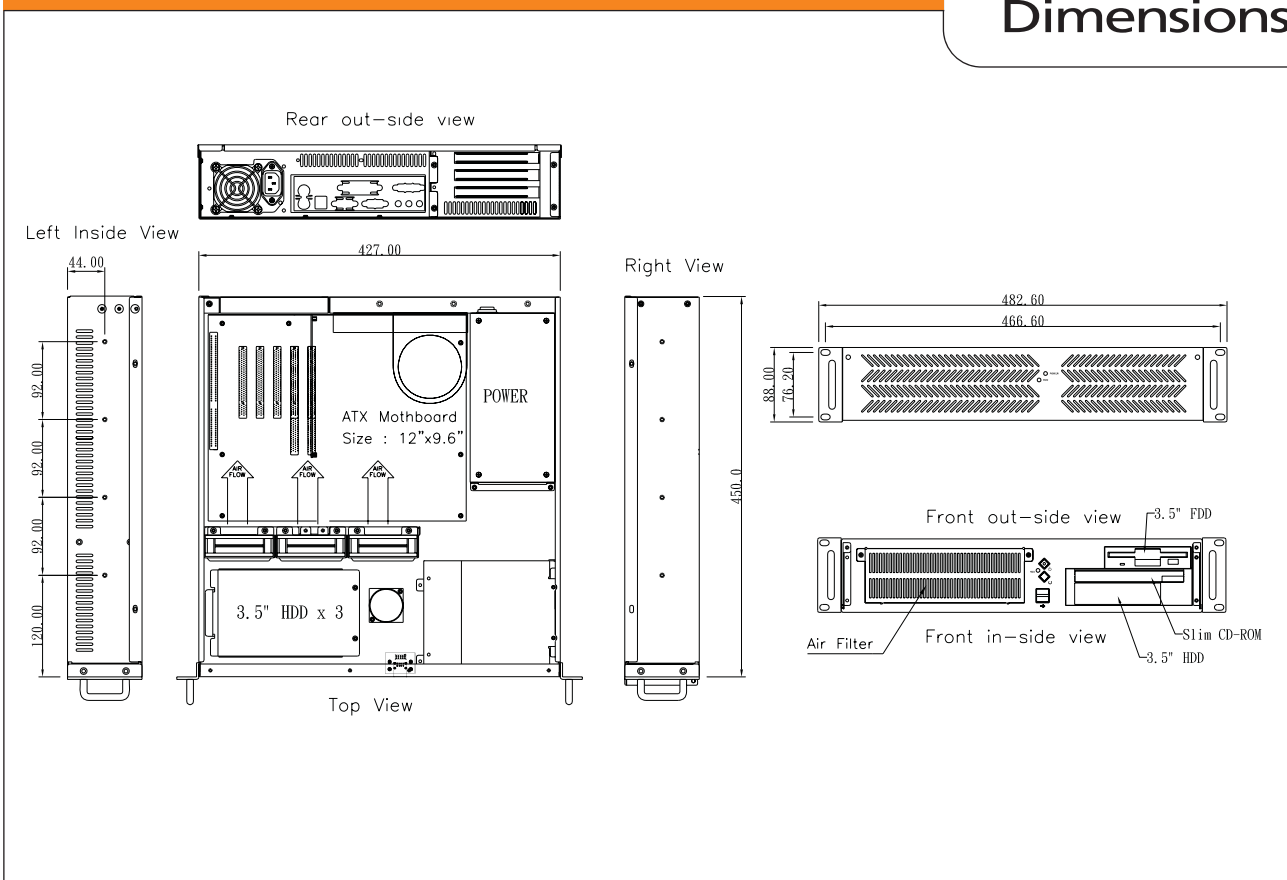
The **Impact 2010 series** computers are powered by Intel based commercial motherboards and deliver compact and flexible industrial computer platforms constructed from quality industrial components in 2U industrial grade chassis.

These systems feature the Intel G31 + ICH7 chipset. The **Impact 2015** comes with a Core 2 Duo processor while the **Impact 2014** comes with a Celeron Dual Core processor. These systems come with 4 x SATA, 4 x USB, 1 x RS232, 1 x Parallel and 1 x VGA ports.

Our production processes are controlled under ISO 9001:2000 and every system undergoes a full diagnostic burn-in prior to shipment.

Systems can be tailored to meet your exact requirements. Each system comes with a 3 year warranty.

Dimensions



Impact 2010 series

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	<p>CPU: Intel Core 2 Duo E7400, 2.8GHz, 1066MHz, 3MB cache* (Impact 2015) or Intel Celeron Dual Core E1500, 2.20GHz, 800MHz, 512KB cache* (Impact 2014) Chipset: Intel G41 + ICH7 Main memory: 2GB DDR3 RAM 1333MHz Upgradeable to: 4GB (2 x DIMM slots) Audio: Realtek 6-channel high definition audio chip LAN: Realtek 10/100/1000 LAN chip SATA: 4 x SATA II (3.0Gb / s) channels</p> <p>* Supports up to Intel Core 2 Quad Q9400, 2.66GHz, 1333MHz, 6MB cache</p>	Electromagnetic compatibility (EMC)	<p>EN55022 Class A EN55024 Industrial severity (where applicable)</p> <p>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</p> <p>Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3) 80-1000MHz, 10 V/m (RMS, no modulation) 80% Modulation with 1kHz Sine wave</p> <p>Electrical fast transient/burst immunity test (EN61000-4-4) Power port ac, inc. protective earth Severity ±2kV</p> <p>Surge Immunity test (EN61000-4-5) Power port ac Severity ±2kV applied line to line Severity ±2kV applied line to earth</p> <p>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</p> <p>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</p> <p>Limits for harmonic current measurement (EN 61000-3-2), Product Class A Limitation of voltage changes, voltage fluctuations and flicker (EN 61000-3-3)</p> <p>Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements.</p>
Storage	<p>250GB RAID Edition SATA HDD 7200rpm DVDRW (standard height)</p> <p>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 (standard) We can provide storage and backup solutions for any application</p>	Safety	<p>Safety of information technology equipment (EN 60950) CE Marked</p>
System options	<p>Impact 2015 - 2PCI, 1PCIe x16, Core 2 Duo, 2U rackmount system Impact 2014 - 2PCI, 1PCIe x16, Celeron Dual Core, 2U rackmount system</p>	Electrical Ratings	<p>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</p> <p>*Higher rated power supplies are available and we recommend that you discuss your power requirements before placing your order</p>
System expansion	<p>1 x PCIe x16 1 x PCIe x1 2 x PCI</p>	Reliability	<p>System MTBF: Critical components failure >45,000 hrs @ 25°C (we can provide information for specific configurations) Full burn-in diagnostic run on every system</p>
System architecture	Intel based commercial motherboard		
Supported OS	Windows XP, Windows Vista, Windows 7, Linux		
Internal interfaces	<p>2 x USB connectors support additional 4 USB 2.0 ports 1 x IDE connector 4 x SATA connectors 1 x High Definition front panel audio connector 1 x S/PDIF Out connector System Panel 1 x Internal Speaker connector 1 x CD audio-in connector 24-pin EATX power connector 4-pin ATX 12V Power connector</p>		
LEDs and switches	<p>Power (PC ON) LED Hard disk access LED System monitor x 3 Front: ATX system control switch, system reset Rear: System ON/OFF power switch</p>		
External interfaces	<p>1 x D-Sub 1 x Parallel 1 x PS/2 Keyboard 1 x PS/2 Mouse 1 x RJ45 port 4 x USB 2.0/1.1 1 x COM port 6 Channel Audio I/O</p>		
Mechanical	<p>Design: EIA RS-310C 19" Rackmount Standard Construction: Heavy duty cold rolled electroplated steel Colour: 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") Packaging 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: removable (washable) Gross weight: approximately 17kg</p>		
Environmental operational	<p>Acoustic noise: Approximately 48dBA 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</p>		
Environmental storage	<p>Temperature: -20 to 65°C Humidity: 5 to 90% at 25°C non-condensing</p>		

23-11-09

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