

# Impact 4015



## Features

The **Impact 4010 series** computers are powered by Intel Desktop motherboards and deliver industrial computer platforms with 7 expansion slots, constructed from quality industrial components in 4U industrial grade chassis.

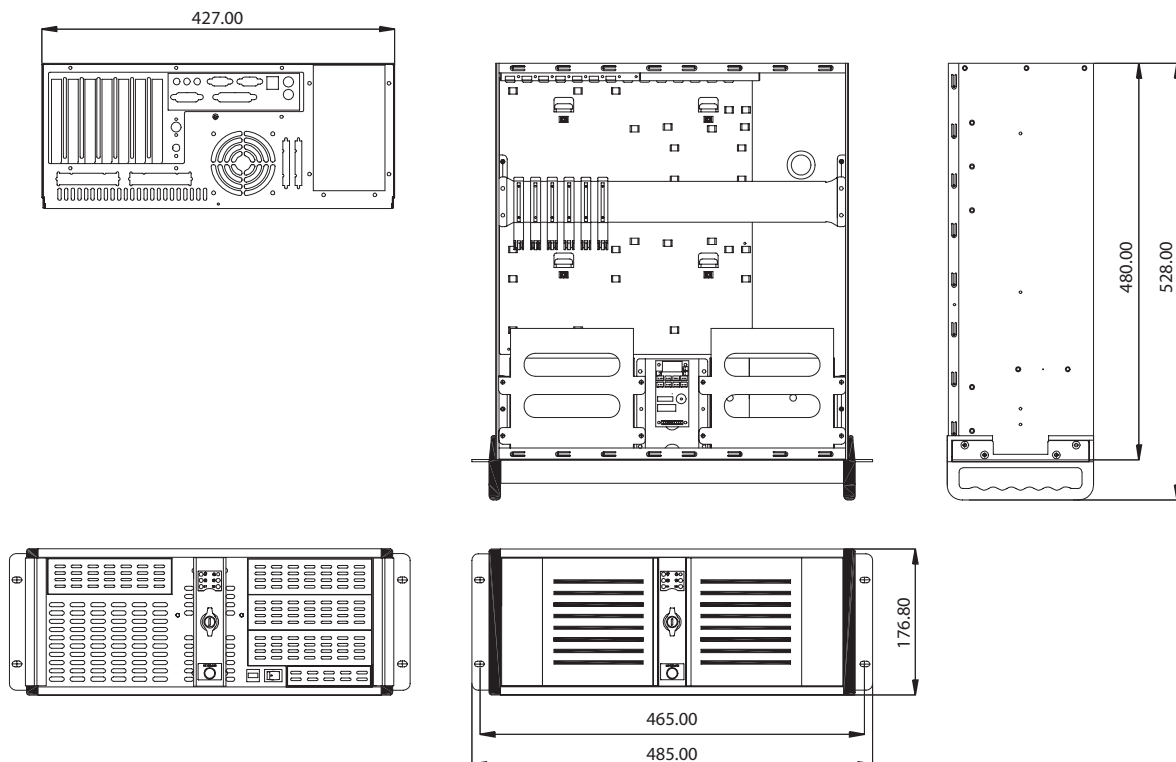
The **Impact 4015** features the Intel Q965 + ICH8R/DO chipset with 6 SATA channels and onboard RAID. This model, powered by an Intel Core 2 Duo processor with support for up to Intel Core 2 Quad 1066MHz processors, is Windows Vista ready.

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



Configuration shown is for illustration purposes only

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## Impact 4015

## 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.

<b>Hardware specification</b>	<p>CPU: Intel Core 2 Duo E6420, 2.13GHz, 1066MHz, 4MB cache*                  Chipset: Intel Q965 + ICH8R/DO                  Main memory: 1GB DDR2 RAM 667MHz 240-pin                  Upgradeable to: 8GB (4 x DIMM slots)                  Video: Intel GMA 3000 onboard graphics subsystem                  Audio: Intel HD Audio,                  6-channel (5.1) subsystem using the SigmaTel* STAC9227 audio codec                  LAN: Intel® 82566DM Gigabit Ethernet Controller                  SATA: 6 x SATA II (3.0Gb / s) channels                  Intel Active Management Technology (AMT)</p> <p>*Support for up to Intel Core 2 Quad 1066MHz processors</p>	<b>Electromagnetic compatibility (EMC)</b>	<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 wav</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                  &gt;95% Reduction, 0.5 Periods                  &gt;30% Reduction, 25 Periods                  &gt;95% Reduction, 250 Periods</p> <p>Voltage dips, short interrupts and voltages variations immunity tests (EN61000-6-2)                  Power port ac                  &gt;30% Reduction, 0.5 Periods                  &gt;60% Reduction, 25 Periods                  &gt;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)</p> <p>Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements.</p>
<b>Storage</b>	<p>250GB RAID Edition SATA HDD 7200rpm                  DVDRW</p> <p>Total drive capacity: 4 x 5.25" external, 1 x 3.5" external, 2 x 3.5" internal</p> <p>We can provide storage and backup solutions for any application</p>		
<b>System expansion</b>	<p>2 x PCI 5V 32-Bit slots                  1 x PCI Express x1 slots                  1 x PCI Express x16 slot</p>		
<b>System architecture</b>	<p>Intel Desktop Board</p>		
<b>Supported OS (Operating System)</b>	<p>Windows XP, Windows 2000 (available via Windows XP Pro downgrade rights), Windows Vista</p> <p>If your desired operating system is not listed, please contact us</p>		
<b>Internal interfaces</b>	<p>Connectors for 4 additional external USB 2.0/1.1 ports x 2                  Connector for 1 external serial port x 1                  Connector for 1 external IEEE-1394a / Firewire                  CD-in internal audio connector x 1                  Surround sound connector x 1                  S/PDIF-out connector x 1                  Connector for IrDA interface x 1                  Serial ATA connectors x 6                  IDE connectors x 1                  Floppy connector x 1                  24-pin ATX power connector x 1                  Wake-On-LAN connector x 1                  Fan connectors x 3</p>		
<b>LEDs and switches</b>	<p>Power (PC ON) LED                  Hard disk access LED                  3 x System monitor                  Front: ATX system control switch, system reset                  Rear: System ON/OFF power switch</p>		
<b>External interfaces</b>	<p>Mini-DIN-6 PS/2 mouse port x 1                  Mini-DIN-6 PS/2 keyboard port x 1                  DB-25 parallel port x 1                  DB-15 VGA port x 1                  USB 2.0 / 1.1 ports x 6 (6 rear, 2 front)                  IEEE 1394 / Firewire port x 1                  RJ45 LAN port x 1                  Audio jacks: mic-in, line-in and line-out</p>		<p>*Higher rated power supplies are available and we recommend that you discuss your power requirements before placing your order</p>
<b>Mechanical</b>	<p>Design: EIA RS-310C 19" Rackmount Standard                  Construction: 1.2mm SECC Zinc-Coated Steel                  Security : Lockable front doors                  Colour: Black (custom colours available for large orders)                  Dimensions: 485 (W) x 176.8 (H) x 480 (D) mm (19.1" x 7.0" x 18.9")                  Packaging size: 541 (W) x 280 (H) x 660 (D) mm (21.3" x 11.0" x 26.0")                  Total drive capacity: 4 x 5.25" external, 1 x 3.5" external, 2 x 3.5" internal                  Cooling : 1 x 120mm ball bearing fan                  Air filter: removable (washable)                  Gross weight: approximately 20kg</p>		
<b>Environmental operational</b>	<p>Acoustic noise: Approximately 49dBA sound pressure at 23°C (typical)                  Temperature: 0 to 45°C (tested for extended operation up to 50°C)                  Humidity: 5 to 90% at 25°C non-condensing</p>		
<b>Environmental storage</b>	<p>Temperature: -20 to 65°C                  Humidity: 5 to 90% at 25°C non-condensing</p>	<b>Reliability</b>	<p>System MTBF: &gt;15,000 hrs                  (we can provide information for specific configurations)                  Four hour burn-in diagnostic run on every system</p>

14-07-08

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