

# 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.

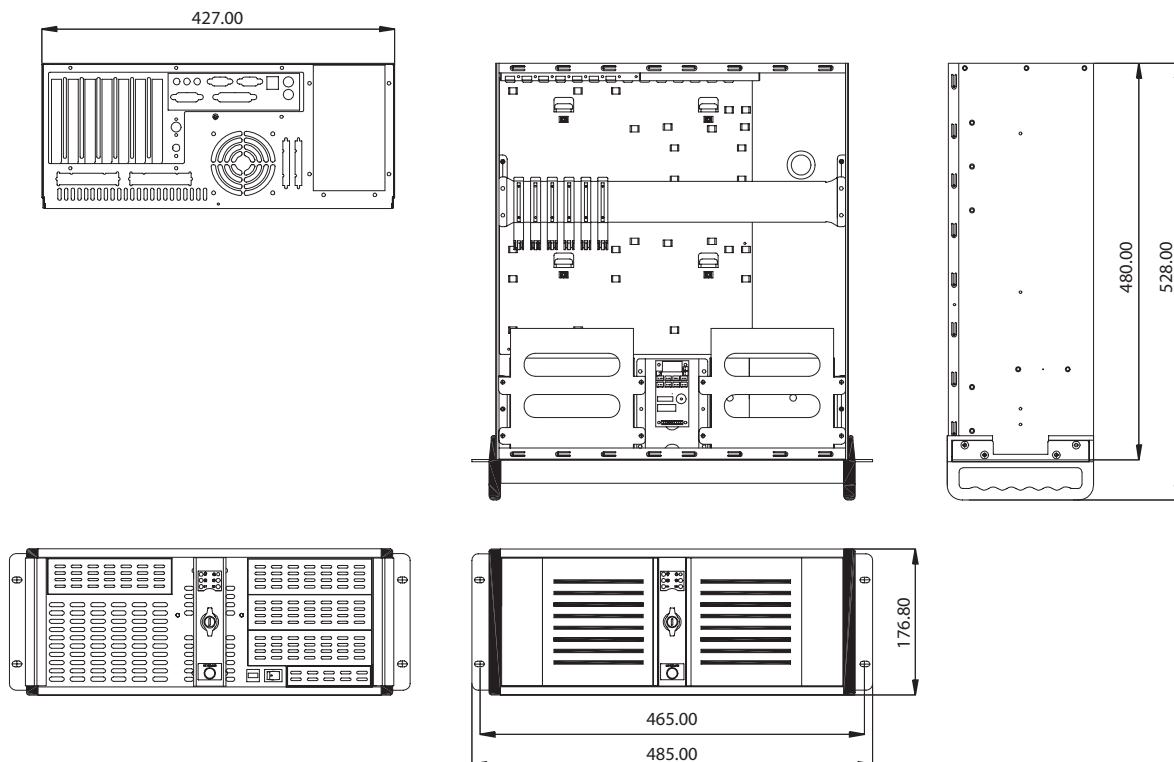
The **Impact 4015** features the Intel Q965 + ICH8R/DO chipset with 6 SATA channels and onboard RAID. This model, powered by an Intel Core 2 Duo processor with support for up to Intel Core 2 Quad 1066MHz processors, is Windows Vista ready.

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.

|                                 |  |                                     |  |
|---------------------------------|--|-------------------------------------|--|
| Hardware specification          | <p>CPU: Intel Core 2 Duo E6420, 2.13GHz, 1066MHz, 4MB cache*<br/>                 Chipset: Intel Q965 + ICH8R/DO<br/>                 Main memory: 1GB DDR2 RAM 667MHz 240-pin<br/>                 Upgradeable to: 8GB (4 x DIMM slots)<br/>                 Video: Intel GMA 3000 onboard graphics subsystem<br/>                 Audio: Intel HD Audio,<br/>                 6-channel (5.1) subsystem using the SigmaTel* STAC9227 audio codec<br/>                 LAN: Intel® 82566DM Gigabit Ethernet Controller<br/>                 SATA: 6 x SATA II (3.0Gb / s) channels<br/>                 Intel Active Management Technology (AMT)</p> <p>*Support for up to Intel Core 2 Quad 1066MHz processors</p> | Electromagnetic compatibility (EMC) | <p>EN55022 Class A<br/>                 EN55024 Industrial severity (where applicable)</p> <p>Electrostatic discharge immunity test (EN61000-4-2)<br/>                 ±4kV Contact, applied to enclosure port<br/>                 ±8kV Air, applied to enclosure port<br/>                 ±4kV Indirect, applied to coupling plane</p> <p>Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3)<br/>                 80-1000MHz, 10 V/m (RMS, no modulation)<br/>                 80% Modulation with 1kHz Sine wave</p> <p>Electrical fast transient/burst immunity test (EN61000-4-4)<br/>                 Power port ac, inc. protective earth<br/>                 Severity ±2kV</p> <p>Surge Immunity test (EN61000-4-5)<br/>                 Power port ac<br/>                 Severity ±2kV applied line to line<br/>                 Severity ±2kV applied line to earth</p> <p>Immunity to conducted disturbances induced by radio frequency fields (EN61000-4-6)<br/>                 Power port ac, inc. protective earth via CDN M3<br/>                 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<br/>                 &gt;95% Reduction, 0.5 Periods<br/>                 &gt;30% Reduction, 25 Periods<br/>                 &gt;95% Reduction, 250 Periods</p> <p>Voltage dips, short interrupts and voltages variations immunity tests (EN61000-6-2) Power port ac<br/>                 &gt;30% Reduction, 0.5 Periods<br/>                 &gt;60% Reduction, 25 Periods<br/>                 &gt;100% Reduction, 250 Periods<br/>                 Limits for harmonic current measurement (EN 61000-3-2), Product Class D<br/>                 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</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>  |                                     |  |
| System expansion                | <p>2 x PCI 5V 32-Bit slots<br/>                 1 x PCI Express x1 slots<br/>                 1 x PCI Express x16 slot</p>   |                                     |  |
| System architecture             | <p>Intel Desktop Board</p>   |                                     |  |
| Supported OS (Operating System) | <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>  |                                     |  |
| Internal interfaces             | <p>Connectors for 4 additional external USB 2.0/1.1 ports x 2<br/>                 Connector for 1 external serial port x 1<br/>                 Connector for 1 external IEEE-1394a / Firewire<br/>                 CD-in internal audio connector x 1<br/>                 Surround sound connector x 1<br/>                 S/PDIF-out connector x 1<br/>                 Connector for IrDA interface x 1<br/>                 Serial ATA connectors x 6<br/>                 IDE connectors x 1<br/>                 Floppy connector x 1<br/>                 24-pin ATX power connector x 1<br/>                 Wake-On-LAN connector x 1<br/>                 Fan connectors x 3</p>                        |                                     |  |
| LEDs and switches               | <p>Power (PC ON) LED<br/>                 Hard disk access LED<br/>                 3 x System monitor<br/>                 Front: ATX system control switch, system reset<br/>                 Rear: System ON/OFF power switch</p>   |                                     |  |
| External interfaces             | <p>Mini-DIN-6 PS/2 mouse port x 1<br/>                 Mini-DIN-6 PS/2 keyboard port x 1<br/>                 DB-25 parallel port x 1<br/>                 DB-15 VGA port x 1<br/>                 USB 2.0 / 1.1 ports x 6 (6 rear, 2 front)<br/>                 IEEE 1394 / Firewire port x 1<br/>                 RJ45 LAN port x 1<br/>                 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>  |
| Mechanical                      | <p>Design: EIA RS-310C 19" Rackmount Standard<br/>                 Construction: 1.2mm SECC Zinc-Coated Steel<br/>                 Security : Lockable front doors<br/>                 Colour: Black (custom colours available for large orders)<br/>                 Dimensions: 485 (W) x 176.8 (H) x 480 (D) mm (19.1" x 7.0" x 18.9")<br/>                 Packaging size: 541 (W) x 280 (H) x 660 (D) mm (21.3" x 11.0" x 26.0")<br/>                 Total drive capacity: 4 x 5.25" external, 1 x 3.5" external, 2 x 3.5" internal<br/>                 Cooling : 1 x 120mm ball bearing fan<br/>                 Air filter: removable (washable)<br/>                 Gross weight: approximately 20kg</p> |                                     |  |
| Environmental operational       | <p>Acoustic noise: Approximately 49dBA sound pressure at 23°C (typical)<br/>                 Temperature: 0 to 45°C (tested for extended operation up to 50°C)<br/>                 Humidity: 5 to 90% at 25°C non-condensing</p>  |                                     |  |
| Environmental storage           | <p>Temperature: -20 to 65°C<br/>                 Humidity: 5 to 90% at 25°C non-condensing</p>   | Reliability                         | <p>System MTBF: &gt;15,000 hrs<br/>                 (we can provide information for specific configurations)<br/>                 Four hour burn-in diagnostic run on every system</p>   |

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