

Impact 1015



Features

The **Impact 1010 series** computers are powered by Desktop motherboards and deliver compact industrial computer platforms constructed from quality industrial components in 1U industrial grade chassis.

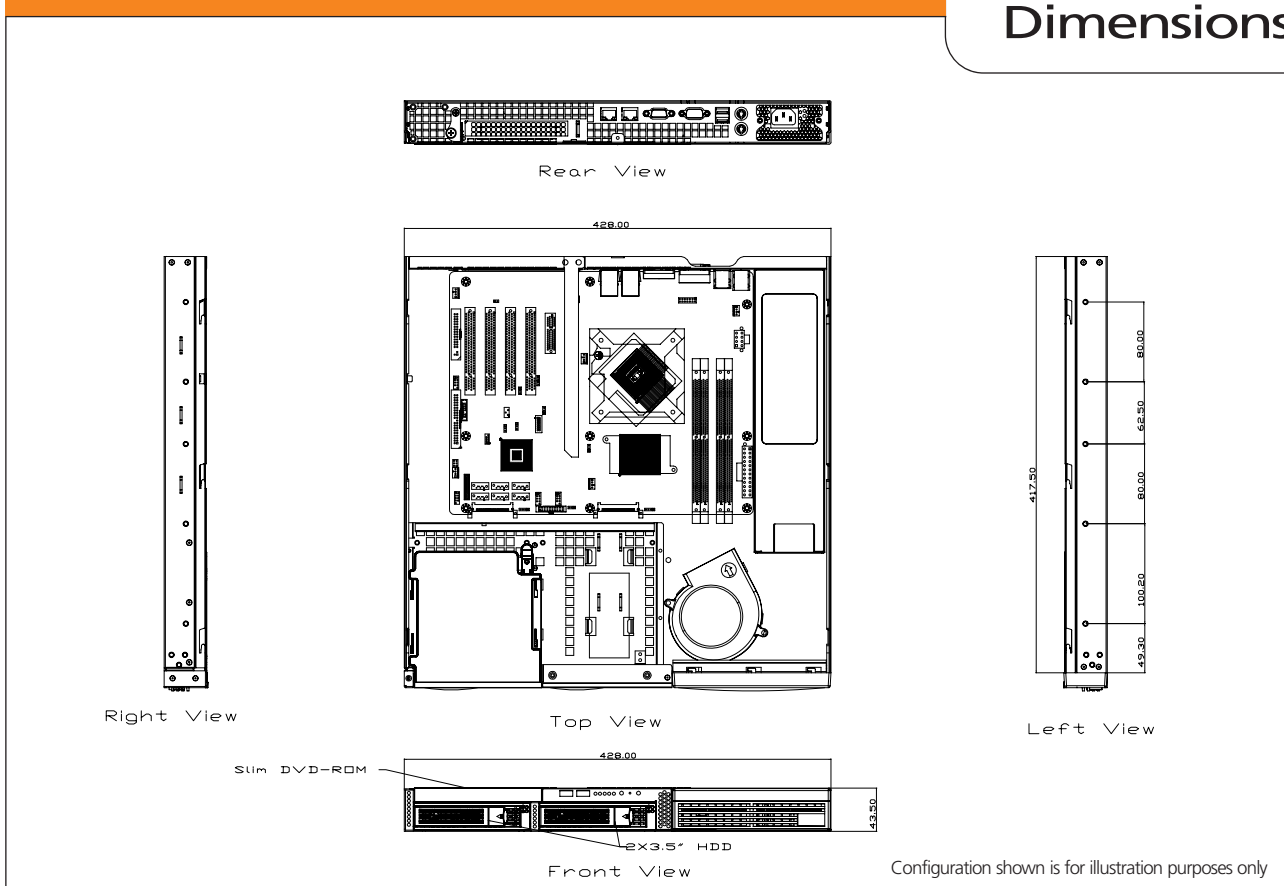
The **Impact 1015** features the Intel 3200 + ICH9R chipset with hotswap SATA channels and onboard RAID. This model is powered by an Intel Core 2 Duo processor and is Windows Vista capable.

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



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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* Chipset: Intel 3200 + ICH9R Main memory: 1GB DDR2 RAM 800MHz CL5 Unbuffer ECC 240-pin Upgradeable to: 8GB (4 x DIMM slots) Video: XGI Z7 graphics controller with onboard 16MB video SDRAM LAN: Intel® 82573 + 82566DM Gigabit Ethernet Controller SATA: 4 x SATA II (3.0Gb / s) channels</p> <p>*System also supports Intel Dual-Core Xeon processor 3000 series and Quad-Core Xeon 3200 series processors</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>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)</p> <p>Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements.</p>
BIOS	Award BIOS		
Storage	<p>250GB RAID Edition SATA HDD 7200rpm Slim DVDROM / CDROM drive</p> <p>Total drive capacity: 1 x Slim 5.25" external, 2 x 3.5" external We can provide storage and backup solutions for any application</p>		
System expansion	1 x PCI Express x16 slot (x8 signal, 225mm length)		
System architecture	Desktop Board, ATX form factor		
Supported OS (Operating System)	<p>Windows XP, Windows 2000 (available via Windows XP Pro downgrade rights), Windows Vista, Windows 2003 server</p> <p>If your desired operating system is not listed, please contact us</p>		
Internal interfaces	<p>Connectors for 2 additional USB 2.0/1.1 ports x 1 Connector for 1 external serial port x 1 Serial ATA connectors x 4 IDE connectors x 1 Floppy connector x 1 20-pin ATX power connector x 1 4-pin 12V ATX power connector x 1</p>		
LEDs and switches	<p>Power (PC ON) LED Hard disk access LED Front: ATX system control switch, system reset Rear: System ON/OFF power switch</p>	Safety	<p>Safety of information technology equipment (EN 60950) CE Marked</p>
External interfaces	<p>Mini-DIN-6 PS/2 mouse port x 1 Mini-DIN-6 PS/2 keyboard port x 1 DB-15 VGA port x 1 Serial: COM x 1 USB 2.0 / 1.1 ports x 4 (2 rear, 2 front) RJ45 LAN port x 2</p>	Electrical Ratings	<p>Voltage: 100 – 240 VAC full range Frequency: 50 – 60Hz Input current: 5 – 2.5A PSU maximum secondary loading: 300W</p>
Mechanical	<p>Design: EIA RS-310C 19" Rackmount Standard Construction: Steel Colour: Black (custom colours available for large orders) Dimensions: 483 (W) x 44 (H) x 442 (D) mm (19.0" x 3.5" x 17.4") Packaging size: 600 (W) x 185 (H) x 600(D) mm (23.6" x 8.8" x 23.6") Cooling : 1 x 60mm blower Gross weight: approximately 13.5kg</p>		
Environmental operational	<p>Acoustic noise: Approximately 49dBA sound pressure at 23°C (typical) (Up to 60dBA at full load) Temperature: 5 to 45°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>		
			14-07-08

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