

# Impact-D 100

## Features

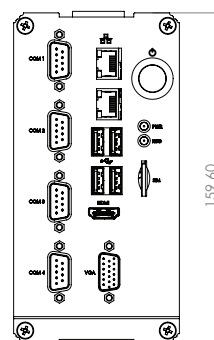
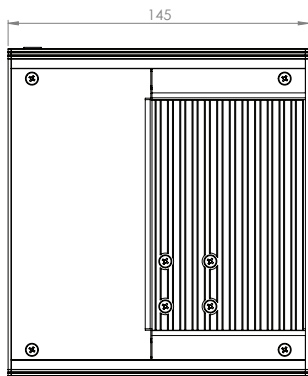
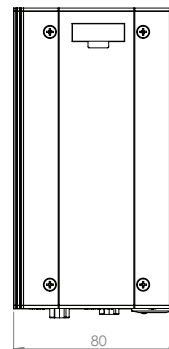
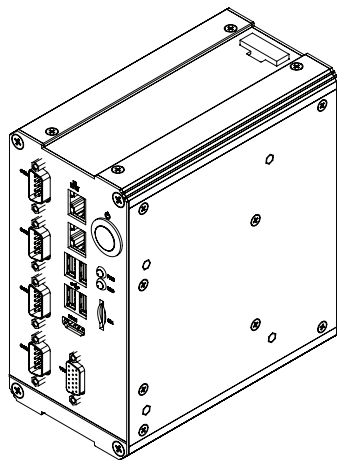


The Impact-D 100 is a compact, DIN Rail mountable, low power embedded system, utilising Intel® 4th Generation ATOM™ processor technology.

Key features:-

- Low power consumption
- High end ATOM™ processing power
- Compact fanless design
- OEM branding available

## Dimensions



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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.

## Specifications

Hardware Specification	CPU: Intel® ATOM™ E3845 Main memory: 2GB SODIMM DDR3L 1066/1333MHz (max 8GB) LAN: Dual Intel® 10/100/1000 network connection (supports PXE and WoL)	Mechanical	Design: Rugged compact embedded design Cooling: Fanless design Construction: Extruded Aluminium Color: Black/Silver Dimensions: 80(W) x 160(H) x 14.5(D)mm
BIOS	AMI system BIOS	Environmental Operation	Acoustic noise: Near silent operation Operating Temperature: 0°C to 55°C Humidity: 0 to 90% non-condensing
Storage	Total drive capacity: 1 x 2.5" SATA SSD/HDD	Environmental Storage	Temperature: -20°C to 70°C Humidity: 5% to 90% @ 20°C
System Expansion	1 x mPCIe full length with SIM 1 x mPCIe half length	Electromagnetic Compatibility (EMC)	EN55022 Class A EN55024 Electrostatic discharge immunity test (EN61000-4-2) Enclosure port ±4kV Contact, applied to enclosure port ±8kV Air, applied to enclosure port  Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3)  Enclosure port 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 ±0.5kV  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  Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements.
Supported O/S	Microsoft Desktop: Windows 7 and 8/8.1 (x86/x64) *Windows 7 does not support Intel® Sideband Fabric (Win 8/8.1 only) *Other operating systems are available		
General Interfaces	1 x VGA (1920 x 1200@75Hz) 1 x HDMI (1920 x 1200) 4 x USB 3.0 4 x COM DB9 (1 x RS232/422/485, 3 x RS232) 2 x Intel® GbE RJ45 (i210 chipset) 1 x SIM slot		
LED's and Switches	Power (PC on) LED Hard Disk access LED ATX system control switch		
Power	DC input: +9~36VDC		

## Rear I/O plate

