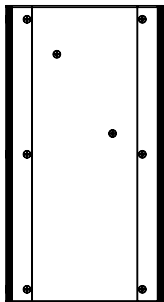# Impact-T 400

Features

The Impact-T 400 is a compact, low power embedded tower system, utilising Intel® 3rd Generation mobile iCore^{TM} processing technology
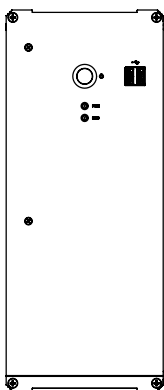
Key features:-
- Low power consumption
- High end processing power
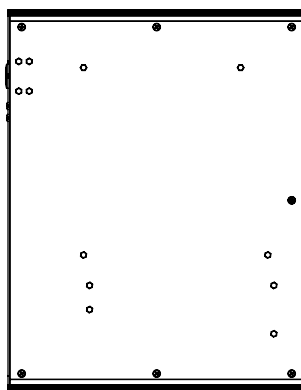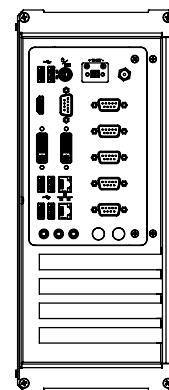- Compact custom design
- 4 slot expansion system

Dimensions

Top View

Front View

Right Side View

Rear View

Impact-T 400

Specifications

Hardware specifications	CPU: Intel® iCore™ i5-3610ME Main memory: 2GB SODIMM DDR3 1333MHz (max: 16GB 1600MHz) Chipset: Intel® QM77 PCH LAN: Dual integrated 10/100/1000 network connection (WG82579LM with iAMT 8.0 and WG82574L)
BIOS	AMI 2x32 Mbit flash memory
Storage	Total drive capacity:- 2 x 2.5" SATA SSD/HDD (RAID I/O)

System expansion	Impact-T 430
	   1 x PCIe x16 rev 3.0
	   1 x PCIe x1 rev 2.0 (physical x16)
	   2 x PCI
	Impact-T 423
	   1 x PCIe x16 rev 3.0
	   3 x PCI
	   2 x mPCIe half length (PCIe and USB signal)

Supported O/S	Microsoft Desktop: Windows XP, 7, 8 (x86 and x64) Microsoft Server: Server 2008 R2, Server 2012 Linux: Ubuntu 13.10 (x86 and x64) Other operating systems are available
General Interfaces	4 x USB 3.0 ports, 4 x USB 2.0 2 x RJ45 LAN 1 x DVI-I, 1 x DVI-D, 1 x HDMI (1920 x 1200) 1 x PS/2 (keyboard and Mouse) 4 x DB9 COM ports (2 x RS232/422/485, 2 x RS232) 1 x Line-In/Surround, 1 x Line Out, 1 x MIC In/Center + Subwoofer
Display	Max resolution: 1920 x 1200 (per port) Supports Direct X11 and OpenGL 3.0
LED and switches	Power (PC on) LED Hard disk access LED ATX system control switch, system reset
Power	DC input voltage +12–25VDC

Mechanical	Design: Rugged compact embedded design Cooling: Fanless design Contruction: Extruded Aluminimum Colour: Black/Silver Dimension: 132 x 320 x 250 mm (W x H x D)
Environmental operation	Accoustic noise: Near silent operation Operating Temperature: 0°C to 55°C Humidity: 0 to 90% non-condensing
Environmental storage	Temperature: -20°C to 70°C Humidity : 5% to 90% @ 20°C
Electromagnetic compatibility (EMC)	EN 55022 Class A EN 55024 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 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.

Rear I/O plate