Impact-E 280DIO

IMPACT-E

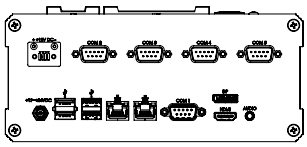
Features

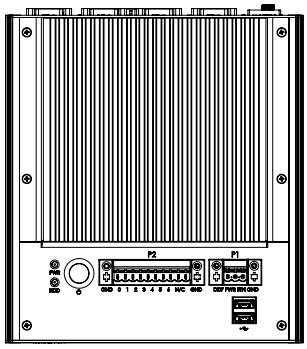
The Impact-E 280DIO is a compact, low power embedded system, utilising Intel® 8th and 9th generation mobile iCore™ processing technology. This achieves high processing power with minimal power draw.

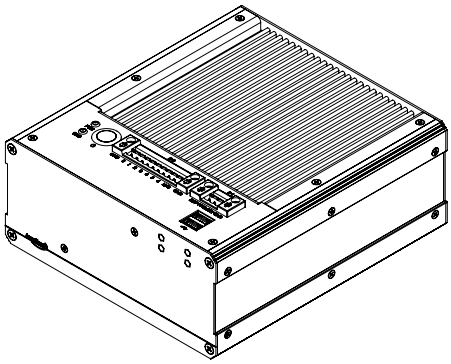
Key features:-

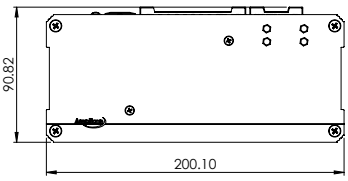
- High end processing power
- 3 year warranty
- 15 year life cycle (2033)
- Remote on/off
- 8 Bit DIO

Dimensions









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Impact-E 280DIO

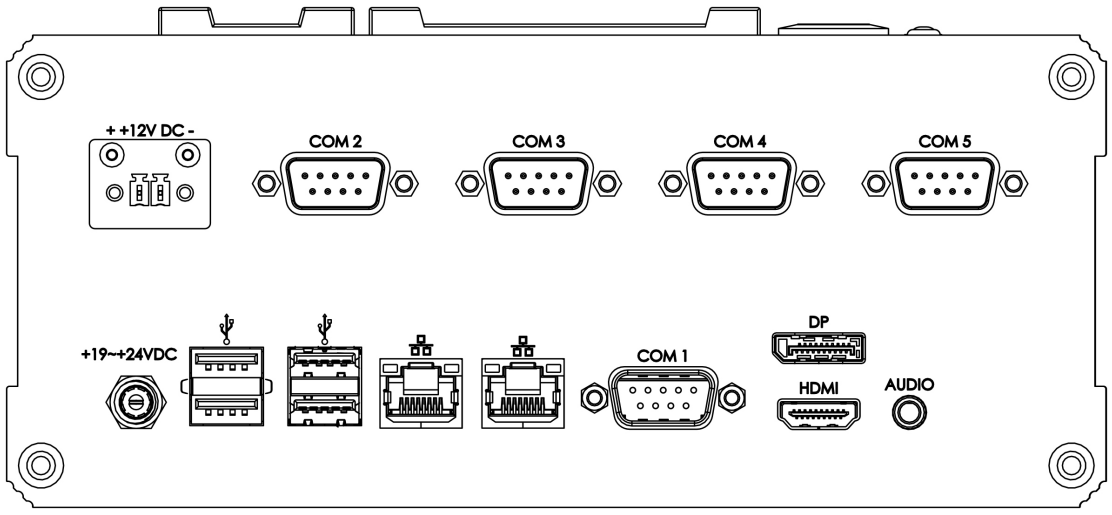
Specifications

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 specifications	CPU: 8th Generation Intel® Core™ Processor up to 35W CPU: 9th Generation Intel® Core™ Processor up to 35W Main memory: 16GB SODIMM DDR4 (max: 32GB) Chipset: Intel® H310 LAN: Dual integrated 10/100/1000 Infenon SLB9665TT2.0 with TPM 2.0
BIOS	AMI
Display	DP1.2: resolution up to 4096x2304 @ 60Hz HDMI: 3840x2160 @30Hz
Storage	2 x 2.5" SSD 1 x M.2 Key M (22 x 42/22 x 60/22 x 80); supports NVMe 1 x mSATA
System expansion	1 x PCIe x4 (Gen 3) (Not currently available) 1 x M.2 2230 E key (unused 1 x Full size mPCIe (Used by Serial card)
Supported O/S	Windows 10 IoT LTSB
External Interfaces	2 x USB 3.0 Rear 2 x USB 2.0 Rear 2 x USB2.0 (Lid) 2 x RJ45 LAN 5 x RS-232/422/485 8 x DIO Via Phoenix connector on lid 1 x DP++ 1 x HDMI
LED and switches	Power (PC on LED) Hard disk access LED ATX system control switch Remote on/off connector
Main board power options	Supports DC input: 12/19-24 VDC on Jack Or 12VDC on Phoenix connector

Mechanical	Design: Rugged compact embedded design Cooling: Fanless design Construction: Extruded Aluminium Colour: Black Dimension: 200 x 88 x 220mm (W x H x D) Packaging: 355 x 260 x 335 (W x H x D) Gross Weight: 2.8kg
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 inc. protective earth Severity ±0.5kV Immunity to conducted disturbances induced by radio frequency fields (EN61000-4-6) Power port 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.
Certifications	CE

Rear I/O plate



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