



Features

- Compact Design (8.35 x 6.50 x 2.44 in)
- Intel 3rd-Gen i7/i5 PGA-type processor
- User-Configurable CPU power mode for adaptation to various environments
- Dual Gigabyte ports and four USB 3.0 Ports
- DVI/VGA + Display Port Triple independent display outputs

Technical Specifications

System

Processor	Intel Core i5/i7
Chipset	Mobile Intel® HM76 Express Chipset
Video / Graphics Card	Integrated Intel® HD Graphics 4000 Controller
Storage	2.5" SATA HDD, mSATA
Storage Support	1x Internal SATA port for 2.5" HDD/SSD, 1x full-size mSATA
Memory (RAM)	2GB, 4GB, 8GB

Display

Display Ratio	16:9
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I/O Ports

USB 2.0	2x USB 2.0 ports
USB 3.0	4 x USB 3.0
Serial	2x software-programmable RS-232/422/485 (COM1 & COM2)
Video	1x DVI-I, 2x Display Port
Ethernet	2 x RJ45 GbE
Other Ports	4x isolated DI with COS interrupt and 4x isolated DO
DC Jack	8~35V DC input via 3-pin pluggable terminal block
Audio In/out	Mic In / Audio Out

Power

DC Input / Source Voltage	8~35V DC input via 3-pin pluggable terminal block
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Expansion Slots

Mini PCIe Slot (internal)	1x full-size mini PCI Express socket with USIM socket, 1x half-size mini PCI Express socket
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Operating Temperature

Operating Temperature	-25°C to 50°C
Storage Temperature	-40°C ~85°C

Humidity Range	10%~90% , non-condensing
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Cooling System / Thermal Solution

Thermal Solution	Passive - Fanless with Heatsink
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Dimensions / Weight

Weight (kg)	2.7000
Dimensions	212 mm (W) x 165 mm (D) x 62 mm (H)

Enclosure

Material	Aluminum
Color	Silver
Shock	Operating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)
Vibration	Operating, 5 Grms, 5-500 Hz, 3 Axes (w/ SSD, according to IEC60068-2-64)

Certification

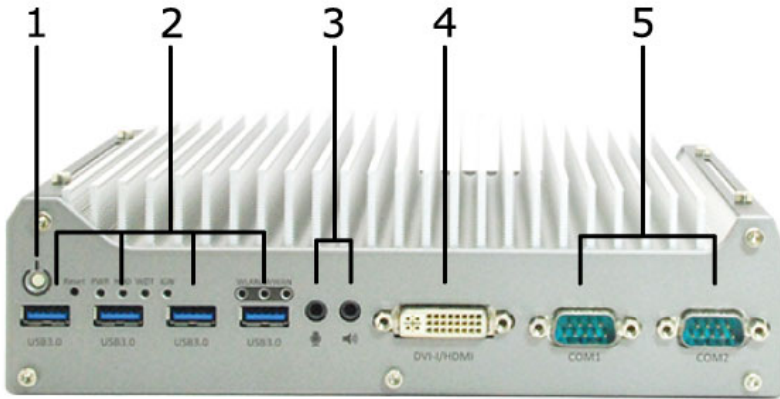
Certification	CE / FCC Class A Certification
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Warranty

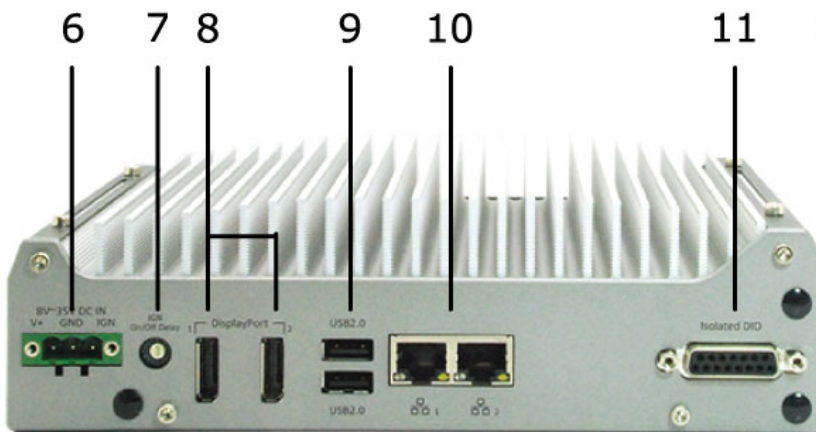
Warranty	Up to 5 Years
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All specifications are subject to change without notice.

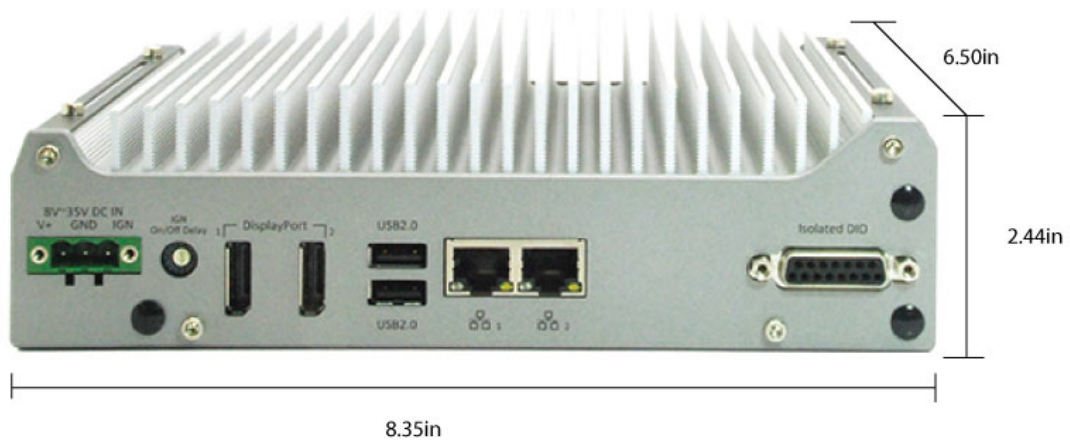
Inputs / Outputs



- | | |
|---------------------|---------------------|
| 1. Power Button | 6. DC input |
| 2. USB 3.0 x4 | 7. Ignition Control |
| 3. Mic In\Audio Out | 8. Display Port x2 |
| 4. DVI-I | 9. USB 2.0 x2 |
| 5. COM1\COM2 | 10. Ethernet x2 |
| | 11. Isolated DIO |



Technical Drawings



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