



Features

- 11th Generation Core i5 Processor
- Windows 11 Capabilities
- Fanless Design
- Wide Operating Temperature (0C-50C)
- 9-36V DC with Isolation

Technical Specifications

Primary Components

Processor Family	Intel Core I series 11th Generation Tiger Lake
Processor Model	Core i5-1135-G7
Processor Speed	2.4 GHz, Up to 4.2 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	2GB, 4GB, 8GB, 32GB
Storage Type	1x M.2 M Key, PCIe or SATA, 2242 default or 2280
Storage Support	32GB-512GB

External I/O Ports

USB	1x M12 USB, 1x USB 2.0 Waterproof Connector with Cover
Serial / Com	1x M12 8-pin for COM
Serial Protocol Detail	1x RS-232/RS-485/RS-422
Ethernet / LAN	2x M12 8pin RJ45 Gbe LAN
Video Outputs	1x M21 Connector for HDMI
Power Input Port	M12 type 3-PIN DC-in

Power

Input Voltage Range	9-36V DC
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Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
Linux	Linux Ubuntu 22.04 or above (Contact your sales rep for more information)

Compatibility

Security Hardware	TPM 2.0
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Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 for NVME SSD Support
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Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing

Enclosure

Material	Aluminum
IP Rating	IP65
Color	Silver
Led Indicator Light	HDD Access, LAN, Power
Control Buttons	Power Button
Shock Rating	15g for 11ms
Mounting Options	Wall Mount

Weight / Dimensions

Weight	3.2 kg (7.1 lbs)
Dimensions	261 x 193 x 51 mm (10.3 x 7.6 x 2.0 in)

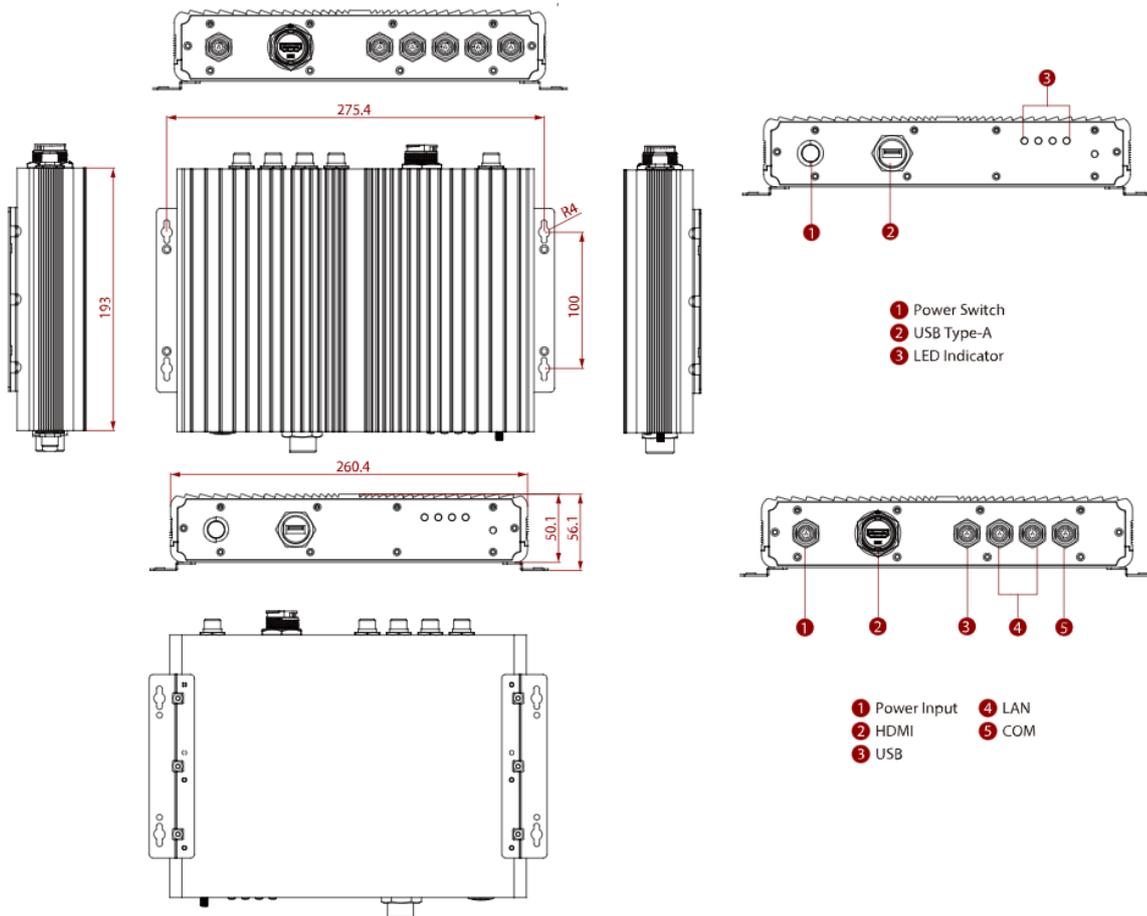
Certification

Certifications	Complies with FCC and CE Requirements
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Warranty

Warranty	Up to 5 Years
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Tech Diagram Images



All specifications are subject to change without notice.