

IRS-3610

INTELLIGENT RUGGED BOX PC

- Aimed at Vertical Markets
- Guaranteed Reliability
- Rugged Solutions



MILITARY

MARITIME



FOOD & BEVERAGE



ADVANTECH

Enabling an Intelligent Planet

IRS-3610

Advantech's Rugged Solutions
Deliver Guaranteed Reliability



Key Features



Robust System Design

Equipped with a rubber seal for oil/UV light resistance and a vent for pressure equalization and thermal dissipation



IP67 Rating for Ingress Protection

The system is IP67 rated for protection from water and dust ingress



Extensive Voltage Adaption

Exceeds the IEC 60092-101's specification of 24 V, with a tolerance range of 14.4 ~ 33.6 V



Anti-Corrosion Protection

Features anti-corrosion protection to prevent damage resulting from salt water penetration



Wide Operating Temperature

Supports an operating temperature range of -25 ~ 70 °C/-13 ~ 158 °F



Military-Grade Certification

MIL-STD-810G certified for shock/vibration tolerance

Industrial-Grade Rugged Solutions for Diverse Harsh Environments



MARITIME

- Resistant to UV light and salt fog erosion in the event of water penetration



MILITARY

- Robust design features shock/vibration tolerance and long-life components
- MIL-STD-810G compliant



FOOD & BEVERAGE

- IP67 rated for protection from water and dust ingress
- Ensures the highest level of food safety and hygiene control during production operations

Specifications

System	CPU	Intel® Core™ i5-5350U processor, 1.8 GHz
	Memory	2 x 204-pin SODIMM DDR3L 1333/1600 MHz, non-ECC only (up to 16 GB)
Storage	Internal	1 x full-size mSATA socket
Graphics	Chipset	Intel® HD Graphics 6000 supports DirectX 11.1, OpenGL 4.2, and OpenCL 1.3
	Display	VGA + DVI (1 x DVI-I connector)
Ethernet	LAN1, LAN2	Intel® I210AT controller (M12 connector)
Expansion Function	GPS	50 channels, -160 dBm sensitivity, supports A-GPS and Galileo (optional)
	Wi-Fi	802.11a/b/g/n (optional)
	LTE	LTE/HSPA+ module with SIM holder (optional)
Audio	Interface	1 x HD audio output with amplifier, D-sub, 15-pin
I/O	Serial Port	2 x COM RS-232/422/485, D-sub, 9-pin
	USB	1 x USB 2.0 via 4-pin M12 connector, 2 x USB 3.0 via 12-pin circular connector
Software	Operating System	Windows 7, Windows 7 Embedded, Windows 10
	API	Advantech SUSIAccess
Power	Type	4-pole M12
	Input Voltage	24 V (14.4 ~ 33.6 V power range)
Environment	Operating Temperature	-25 ~ 70 °C/-13 ~ 158 °F
	Storage Temperature	-40 ~ 85 °C/-40 ~ 185 °F
	Relative Humidity	95%@40 °C relative humidity (non-condensing)
Physical Characteristics	Construction	Aluminum housing
	Dimensions (W x H x D)	270 x 78.3 x 247 mm/10.6 x 3.1 x 9.7 in
	Weight	4.1 kg/9 lb (estimate)
Certifications	Safety	FCC, CE, and UL
	EMC	CE/FCC Class B

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