

IRS-3610

High Performance Rugged Box PC



Features

- 5th generation Intel®Core™ULT processor
- Supports dual Gigabyte Ethernet, Wi-Fi, 3G, and GPS
- Supports wide power input range 14.4V~33.6V (Exceed IEC 60092-101)
- IP65, IP67 rating and salt water anti-corrosion
- Wide operating temperature range -25°C~70°C with Fanless design
- MIL-STD-810G and IEC60945

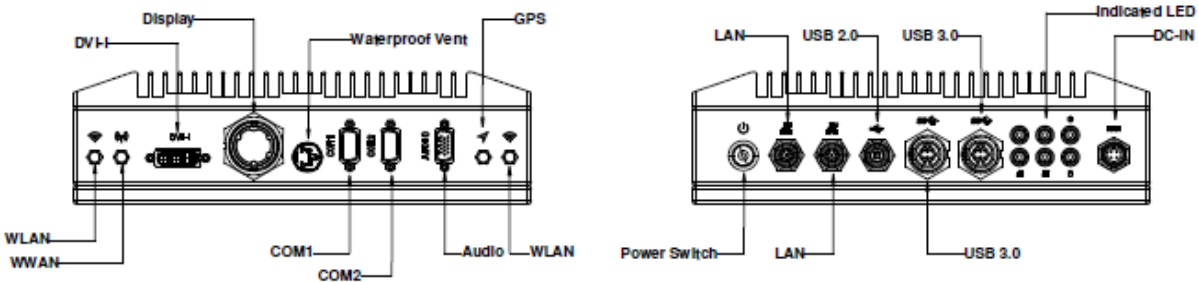
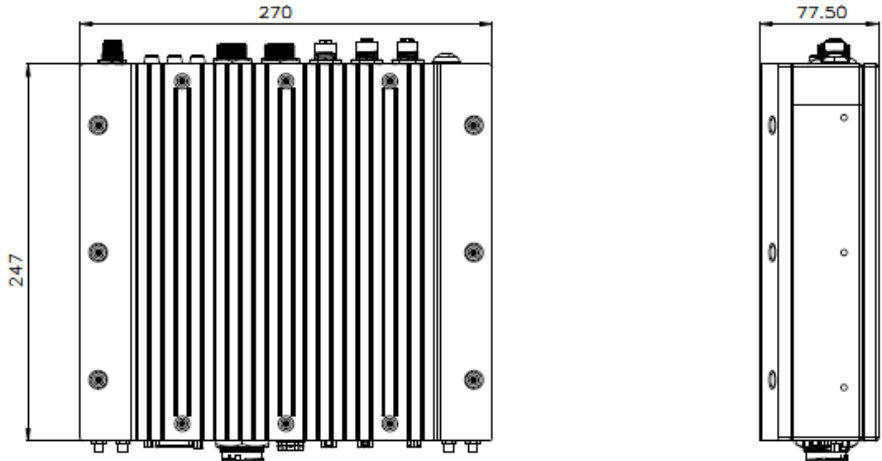


Specifications

Computing System	CPU	Intel®Broadwell i5-5350U Processor
	Max Speed	1.8GHz
	L3 Cache	3 MB
	System Chipset	5th Generation Intel®Core™ULT + Wildcat Point LP
	BIOS	AMI EFI 64Mbit
Graphics	Memory	DDR3L 1333/1600MHz 2 x 204-pin SODIMM non-ECC only (up to 16GB)
	Chipset	Intel®HD Graphics 6000 Supports DirectX 11.1, OpenGL 4.2, OpenCL 1.3
	Dual Display	VGA + DVI (one DVI-I connector)
Ethernet	DP	31 PIN connector
	LAN1	Intel I210AT controller (M12 connector)
Audio	LAN2	Intel I210AT controller (M12 connector)
	Interface	1 x HD Audio output w/Amplifier D-sub 15pin
I/O Interface	Serial Port	2 x COM RS-232/422/485 D-sub 9pin
	USB Interface	1 x USB2.0 on M12 connector 4pin
		2 x USB3.0 on Circular connector 12pin
Other	1 x USB2.0 (Pin Header)	
Other	Watchdog Timer	Hardware, 255 levels timer interval, setup by software
Storage	Internal	1 x mSATA Socket
Expansion Function	GPS	50 channels, -160dBm Sensitivity, A-GPS and Galileo capable
	Wi-Fi	802.11a/b/g/n
	WWAN	6-band HSPA Cellular Module with SIM holder
Software	Microsoft Windows	Windows 7, Windows 7 Embedded
	API	Advantech SUSIAccess
	Intel iAMT	V8.0
Power	Power Type	4 poles of M12
	Power Input Voltage	24V (14.4-33.6V power range)
Physical Characteristics	Construction	Aluminum Housing
	Dimensions(W x H x D)	270 x 247 x 77.5mm
	Weight	4100g
Environment	Operating Temperature	-25 ~ 70°C
	Storage Temperature	-40 ~ 85°C
	Relative Humidity	93 %@40 °C relative humidity 1 cycle PC
Certifications	Vibration/Shock	MIL-STD-810G
	Marine Related	IEC 60945
	Safety	FCC and CE
	EMC	CE/FCC Class B
	Safety Certification	UL

Dimensions

Unit: mm



Design & Manufacturing Services

Advantech also provides customization services for IRS-3610. ODM products are designed for customers with consistent orders and specific design requirements. ODM products are subject to minimum annual order quantities and engineering charges. Evaluation units are available that are not limited to the above conditions. ODM customers are served by dedicated Advantech project teams.

- For sales inquiries and further information, please contact us at rugged@advantech.com.tw