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
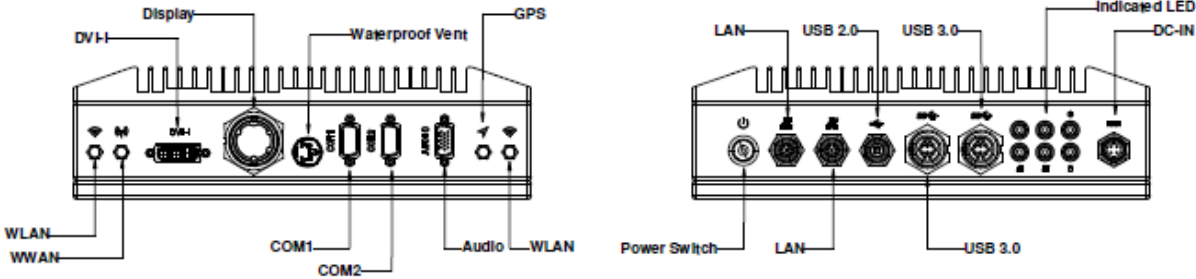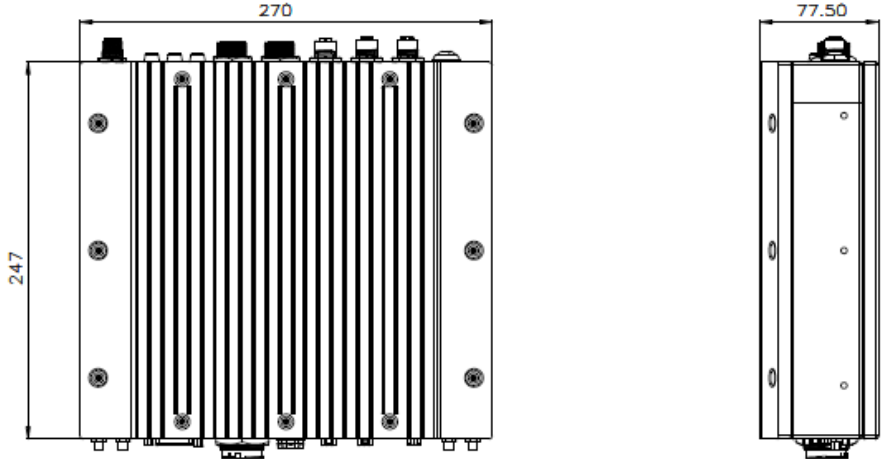- MIL-STD-810G and IEC60945

Specifications

Computing System	CPU	Intel®Broadwell i5-5350U Processor
	Max Speed	1.8GHz
	L3 Cache	3 MB
	System Chipset	5th Generation Intel®CoreTM ULT + Wildcat Point LP
	BIOS	AMI EFI 64Mbit
	Memory	DDR3L 1333/1600MHz 2 x 204-pin SODIMM non-ECC only (up to 16GB)
Graphics	Chipset	Intel®HD Graphics 6000 Supports DirectX 11.1, OpenGL 4.2, OpenCL 1.3
	Dual Display	VGA + DVI (one DVI-I connector)
	DP	31 PIN connector
Ethernet	LAN1	Intel I210AT controller (M12 connector)
	LAN2	Intel I210AT controller (M12 connector)
Audio	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 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

ADVANTECH Rugged System

Dimensions

Unit: mm

270

247

77.50

Display
DVI-I
Waterproof Vent
GPS
WLAN
WWAN
COM1
COM2
Audio
WLAN

LAN
USB 2.0
USB 3.0
Indicated LED
DC-IN
Power Switch
LAN
USB 3.0

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