

# IRS-3500

## 1U High Performance Rugged System



### Features

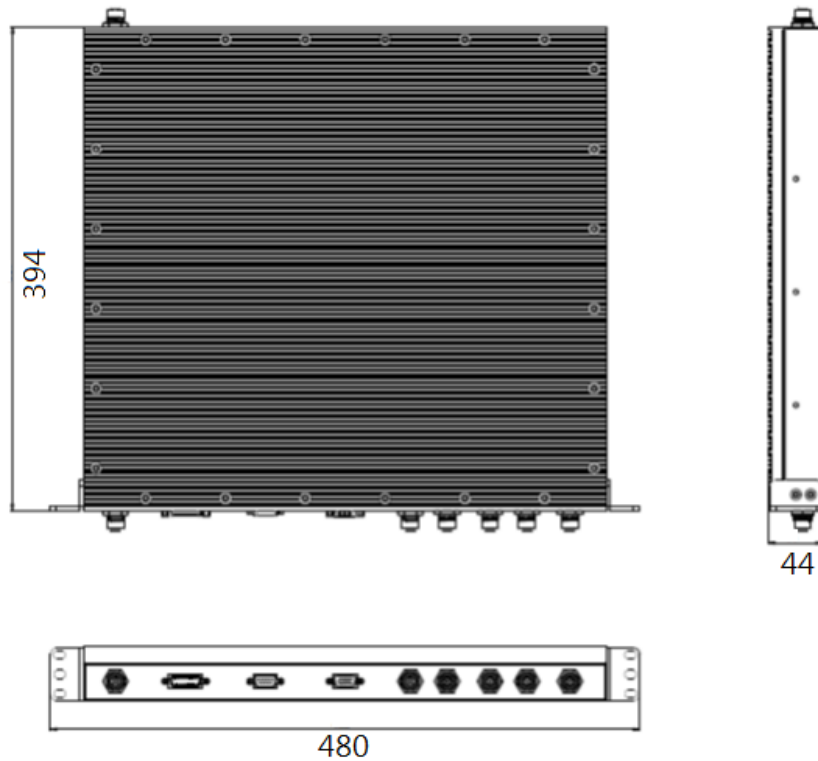
- 3<sup>rd</sup> Generation Intel®Core i7 Ivy Bridge Platform
- SODIMM DDR3-1333 up to 32GB
- Direct X11, OpenGL3.1, OpenCL1.1
- DVI display port
- 4 x GbE LAN by M12, 3 x USB 2.0 by M12
- Supports one MiniPCIe expansion
- Supports 2 x 2.5" SSD expansions and RAID 0/1
- Supports IP67 and Power input DC 24V
- Temperature -20° C ~ 60° C

### Specifications

Computing System	CPU	Intel® Core™ i7 3610QE
	Max. Speed	Quad-Core 2.3GHz
	BIOS	AMI EFI 64Mbit
	Memory	DDR3/DD3L 1333MHz / 1600MHz 204-pin SODIMM (up to 32GB)
Storage	SSD	2 x 2.5" SSD Drive Bay
Graphics	Chipset	Intel® HD Graphics 4000
	Graphic Engine	DirectX11.X, OpenGL 3.2/4.X
	Display Output	DVI
Ethernet	Controller	Intel i350-AM4
	LAN1/2	10/100/1000 Mbps
	LAN3/4	10/100/1000 Mbps
Audio	Interface	Realtek ALC888S, High Definition Audio, Line-out, Mic-in, Line-in by DB
I/O Interface	Serial Ports	1 x RS-232/422/485 Port with Auto Flow Control
	USB Interface	3 x USB 2.0 by M12
Other	Watchdog timer	255 Levels Timer Interval (Setup by Software)
Software	Microsoft Windows	Windows 7, Windows 7 Embedded
	Linux	2.6.xx
Power	Power Type	M12 with 4 Poles
	Power Input Voltage	24Vdc
Physical Characteristics	Construction	Aluminum Housing
	Dimensions(W x H x D)	480 x 440 x 394 mm
	Weight	5.5Kg
Environment	IP Rating	IP67
	Operating Temperature	-20 to 60°C
	Storage Temperature	-40 to 85°C
	Relative Humidity	85%@40°C (Non-Condensing)
	Vibration/Shock	MIL-STD-810F, EN50155
	EMC	CE/FCC Class A
	Safety Certification	UL

## Dimensions

Unit: mm



## Design & Manufacturing Services

- This product is for ODM only

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](mailto:rugged@advantech.com.tw)