

Model: 1U-i7-6COM(V1)  
1U 19" Rackmount, Intel® Core™ i7 Marine Computer



## Main Feature

- 1U 19" Rackmount Design
- Ultra Low Power Consumption processor - 15watt (Max. TDP)
- VGA + HDMI support Independent Dual Display
- 6 x COM Port (COM1 could set to RS232/422/485)
- 2 x Realtek GLAN, 8 x USB 2.0/3.0
- BIOS Set-up "Auto Power-On", and "Wake on LAN"

## Application:

Automation; Intelligent Traffic Control; Marine and Offshore Industrial ...

Specification	
Model	1U-i7-6COM (V1)
Processor	Intel® Core™ i7 8550U Processor (Quad Core, 1.8 to 4.0GHz, 8M Cache)
Chipset	Intel® SOC integrated
Memory	2 x DDR4 SO-DIMM Socket up to 64GB
Storage	Space for 2 x 2.5" HDD/SSD, 2 x SATA III port & 1 x mSATA
Audio	ALC662 HD Audio out
LAN	2 x Realtek RTL8111E Gigabit LAN
USB port	4 x USB 2.0/3.0 and 4 x USB 2.0
COM port	1 x RS 232/422/485 (COM1) and 5 x RS 232 (COM2 to COM6)
Graphic	Intel® HD Graphics 620, VGA + HDMI 1.4 (supporting a maximum resolution of 4K @30Hz)

I/O port	6 x COM; 2 x RJ45 (LAN); 4 x USB 3.0; 4 x USB 2.0; 1 x VGA ; 1 x HDMI; 1 x Lin-in/ Lin-out; 1 x Power Switch; 1 x DC input (Screwing Type)
Watchdog Timer	1 - 255 seconds programmable
Power Supply	Input: 100-240VAC, 50/60Hz; Output: DC 12V/ 5A adapter
Construction	Heavy duty steel
Environment	Operating temperature: 0 °C to 60 °C Storage temperature: -20 °C to 80 °C Storage humidity: 10% to 90%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak( 11m sec)
Safety	CE/FCC/ROHS
Dimension W x H x D ( mm )	483 x 200 x 44.2 (1U 19'' Rackmount)
<b>Ordering Information</b>	
1U-i7-6COM (V1)	Intel® Core™ i7 - 8550U, 1U 19'' Rackmount Marine Computer
Optional - RAM	8 to 64GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	128 GB to 2TB SSD / 500GB to 2TB 2.5'' SATA HDD
Optional - Wifi	WIFI + Bluetooth with Antenna
Optional - OS	Windows 7 /10 / 11 Professional , or Win 10 / 11 IoT Enterprise 64 bit

## Structure Diagram

