

## VIKING-912BP

12.1" 8th Gen. Intel Core i3/i5 Marine Panel PC

Industrial Panel PC

HMI Controller

Industrial Display Monitor

Box PC



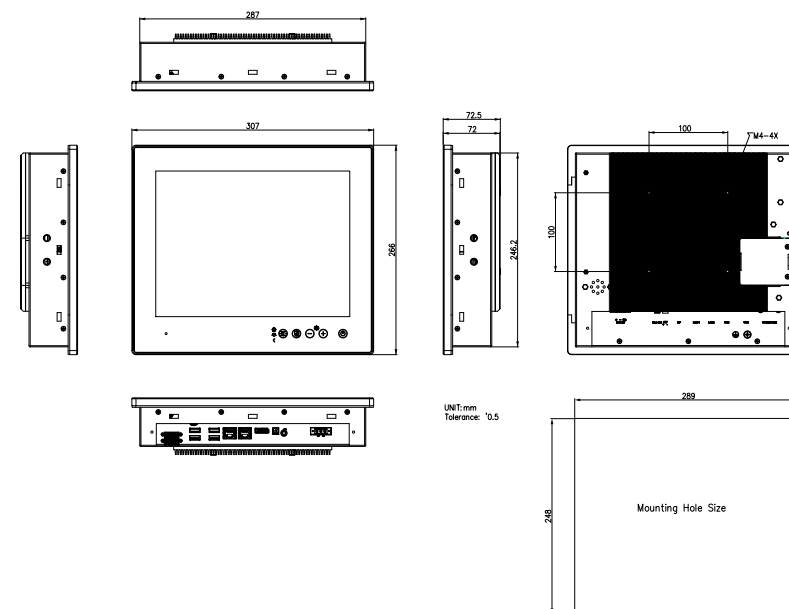
### Features

- 12.1" Marine Panel PC
- 8th Gen. Intel Core i3/i5 Processors
- 1 x 260pin SO-DIMM, up to 32G DDR4 2400MHz
- True Flat Bezel Design
- IP66 Front Panel
- Aluminum Enclosure (with Anti-Corrosion Coating)
- DC 24V Power Input with Isolated
- IEC 60945 Marine Certification

### Specifications

System	
CPU	Intel Core i3-8145UE (2C/4T,2.2GHz,15W TDP) Intel Core i5-8365UE (4C/8T,1.6GHz,15W TDP)
System Chipset	SoC
Memory	1 x 260pin SO-DIMM, up to 32G DDR4 2400MHz
TPM	TPM 2.0
IO Port	
USB	4 x USB 3.0 type A 1 x RS-232 (COM1, 5-pin terminal block) 1 x RS-232/422/485 Selectable Default RS-485 (COM 2, 5-pin terminal block)
Serial/Parallel	1 x Display Port 1 x Line-out, Phone Jack 1 x ESD Ground
LAN	2 x GbE RJ-45
Power Connector	1 x 2-pin Terminal Block Connector (for remote power switch) 1 x 3-pin Terminal Block Connector
Front Side I/O	Keypad Capacitive Touch with LED - Power - Brightness+ - Brightness- - Brightness Mode Swap (DAY, DUSK, NIGHT) 1 x Buzzer
Storage Space	
Storage	Default: 1 x M.2 M-Key 2242(option 2280 can't use TB-528 at same time) 1 x 2.5" HDD space (option)
Expansion	
On board expansion bus	1 x TB-528 Expansion Connector (for 19"/24" only) option TB-528C2I for Isolation 2 x RS-422/485 Isolation
Display	
Display Type	12.1" TFT-LCD
Max. Resolution	1024 x 768
Max. Color	16.7M
Luminance (cd/m <sup>2</sup> )	500
View Angle (H/V)	178(H)/178(V)
Contrast	1000:1
Backlight Lifetime	30,000 hrs
Touch Screen	
Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%

### Dimensions



Power	
Power Input	DC 24V with Isolated / AC Power option
Power Consumption	VIKING-912BPH : 50.88W (Max)
Mechanical	
Construction	Black/ Aluminum Bezel and Aluminum Housing (Anti-Corrosion Coating)
Mounting	Panel Mount/ VESA Mount Front Access Mount / Mounting Bracket (option)
Dimensions	307 x 266 x 72.5 mm
Net Weight	3.6 kg
Environmental	
Operating Temperature	0~50°C (WT1: -20~60°C for optional)
Storage Temperature	-30~70°C
Humidity	10 to 90% @ 40°C, non-condensing
IP Rating	Front Panel IP66
Certificate	CE/FCC/IEC 60945
Operating System Support	
Windows 10, Windows 11	

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