

NP-9xx-MA

12.1", 19" & 24" Marine Grade Panel PC

IEC 60945/ (Meet IACS E10/DNV)



INTRODUCTION

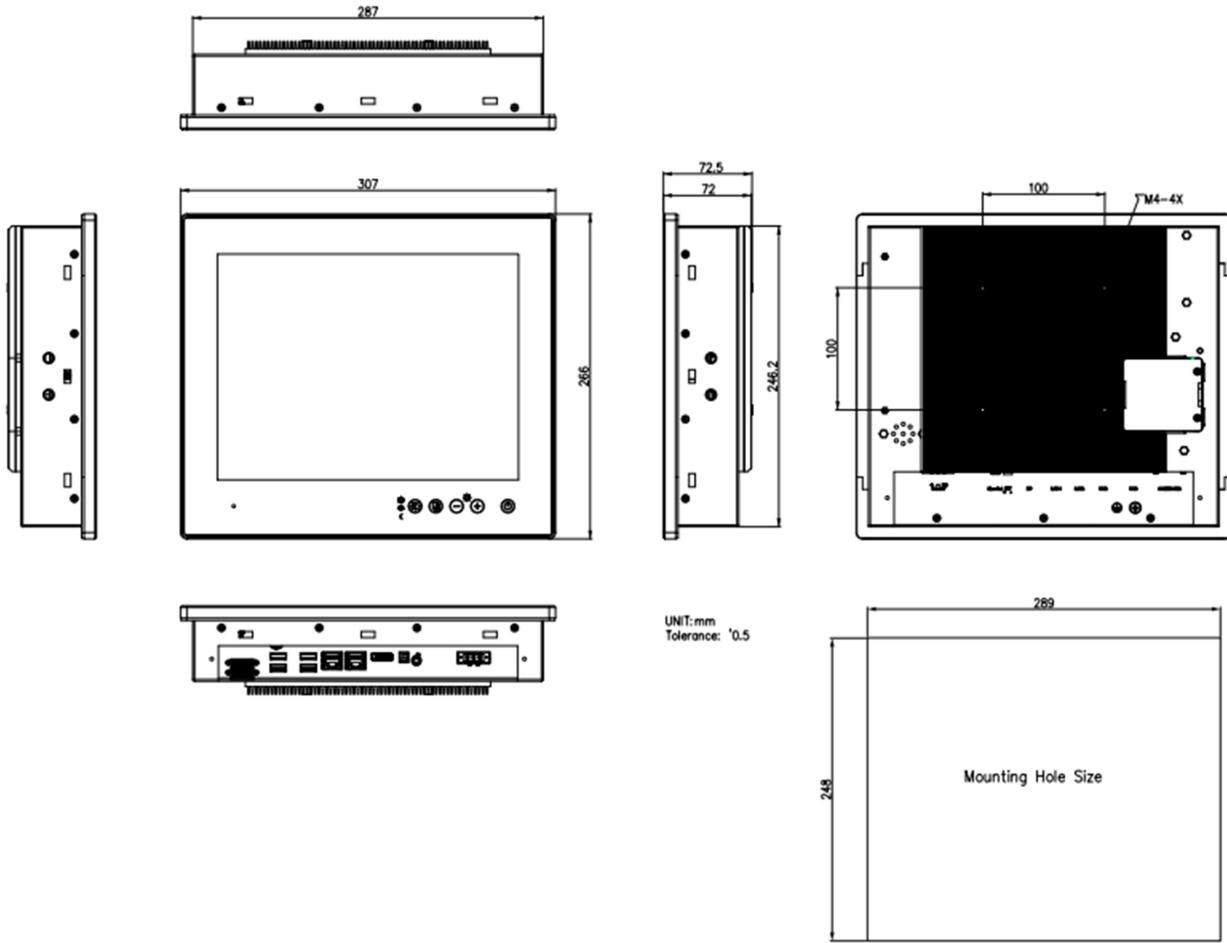
The NP-9xx-MA features a fan less design with Intel 4th Core i5 Processor Intel Core i5-8365UE (4C/8T,1.6GHz,15W TDP). The NP-9xx-MA is designed to provide a cost-effective and versatile solution for Marine applications. Meet the requirements of your application with Windows 10 IoT Operating systems.

	NP-912-MA	NP-919-MA	NP-924-MA
Display			
Display Type	12.1" TFT / LCD	19" TFT / LDC	24" TFT / LCD
Resolution	1024 x 768	1280 x 1024	1,920 x 1,080
Max. Color	16.7m	16.2m	16.7m
Luminance (cd/m ²)	500	350	300
Viewing Angle (Degree)	178/178	170/160	178/178
System			
CPU	Intel Core i5-8365UE (4C/8T,1.6GHz,15W TDP)		
System Chipset	SoC		
System Memory	1 x 260pin SO-DIMM, 8 GB up to 32G DDR4 2400MHz		
External I/O Port	4 x USB 2.0 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) 1 x display port 1 x Line out phone jack 1 x HDMI With Cover 1 x ESD Ground Keypad Capacitive Touch with LED ·Power ·Brightness+ ·Brightness- ·Brightness Mode Swap (DAY, DUSK, NIGHT) 1 x Buzzer		

	1 x 2-pin Terminal Block Connector (for remote power switch) 3 pins terminal block connector, DC Power input		
Storage	1 x 2.5" SATA2 half size		
OS Support	Windows 10 IoT 2021		
Touch screen	NP-912-MA	NP-919-MA	NP-925-MA
Type	Projected Capacitive Touch		
Light Transmission	90%		
Backlight Lifetime	30,000 Hours		
Power Supply	Included		
Power Input	24V DC		
	50.88 W	41.8 W	56.6 W
Membrane Control	Keypad Capacitive Touch with LED ·Power ·Brightness+ ·Brightness- ·Brightness Mode Swap (DAY, DUSK, NIGHT) 1 x Buzzer		
Mechanical			
Construction	Aluminum (10mm) bezel and Aluminum housing (Anti-Corrosion Coating)		
IP Rating	IP65 Front Panel		
Mounting	Panel mounting, VESA 75 x 75		
Dimensions (WxHxD)(mm)	307 x 266 x 72.5	439 x 396 x 76.3	609 x 400 x 76.3
Net Weight	3.6 Kg	6.50 Kg	7.8 kg
	7.9 Lb	14.33 Lb	17.19 Lb
Environmental			
Operating Temperature	0~50C		
Storage Temperature	-30~70C		
Relative Humidity	10 to 90% @ 40°C, non- condensing		
Certificate	CE/FCC Class B/IEC 60945/ (Meet IACS E10/DNV)		

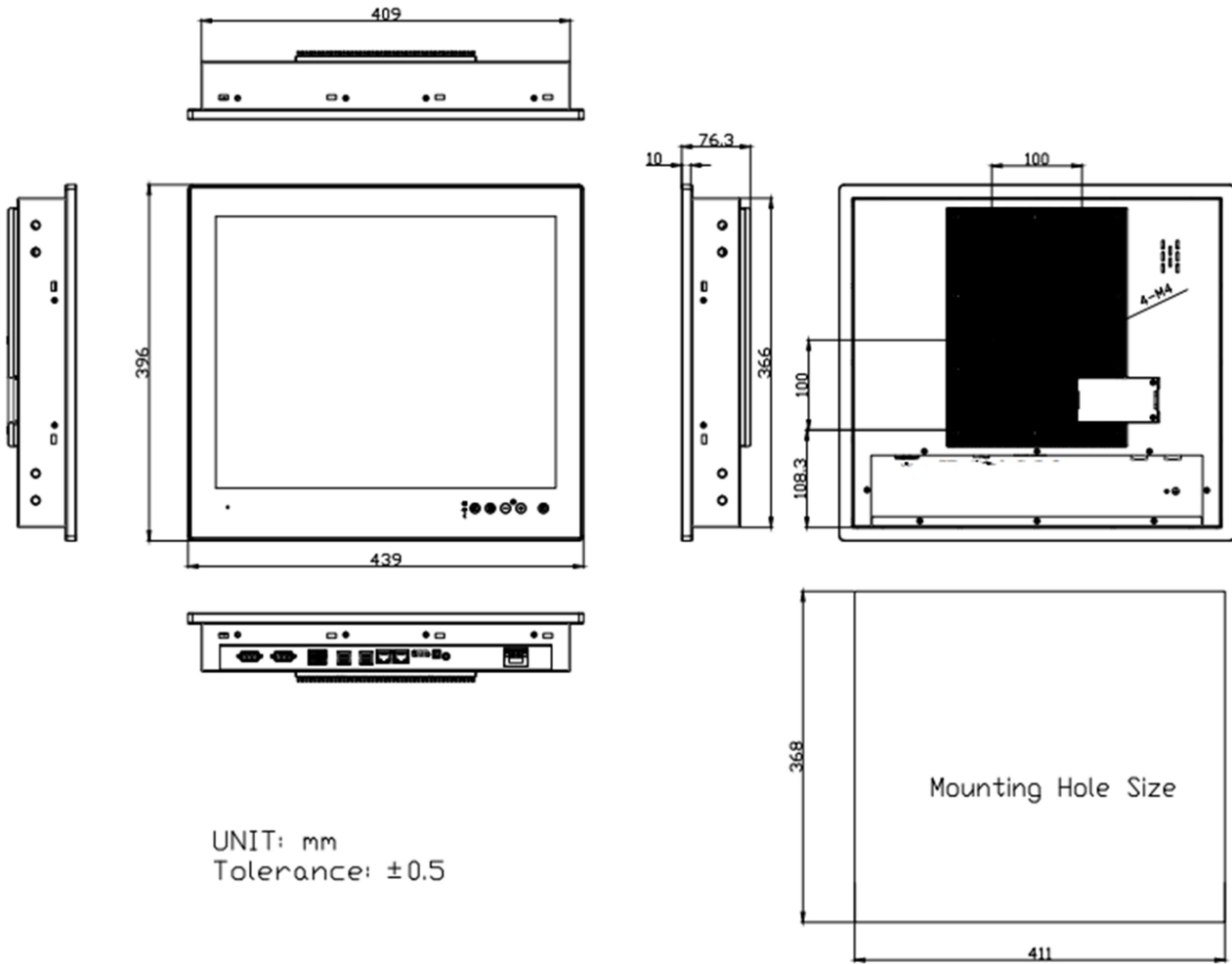
DIMENSIONS

NP-912-MA



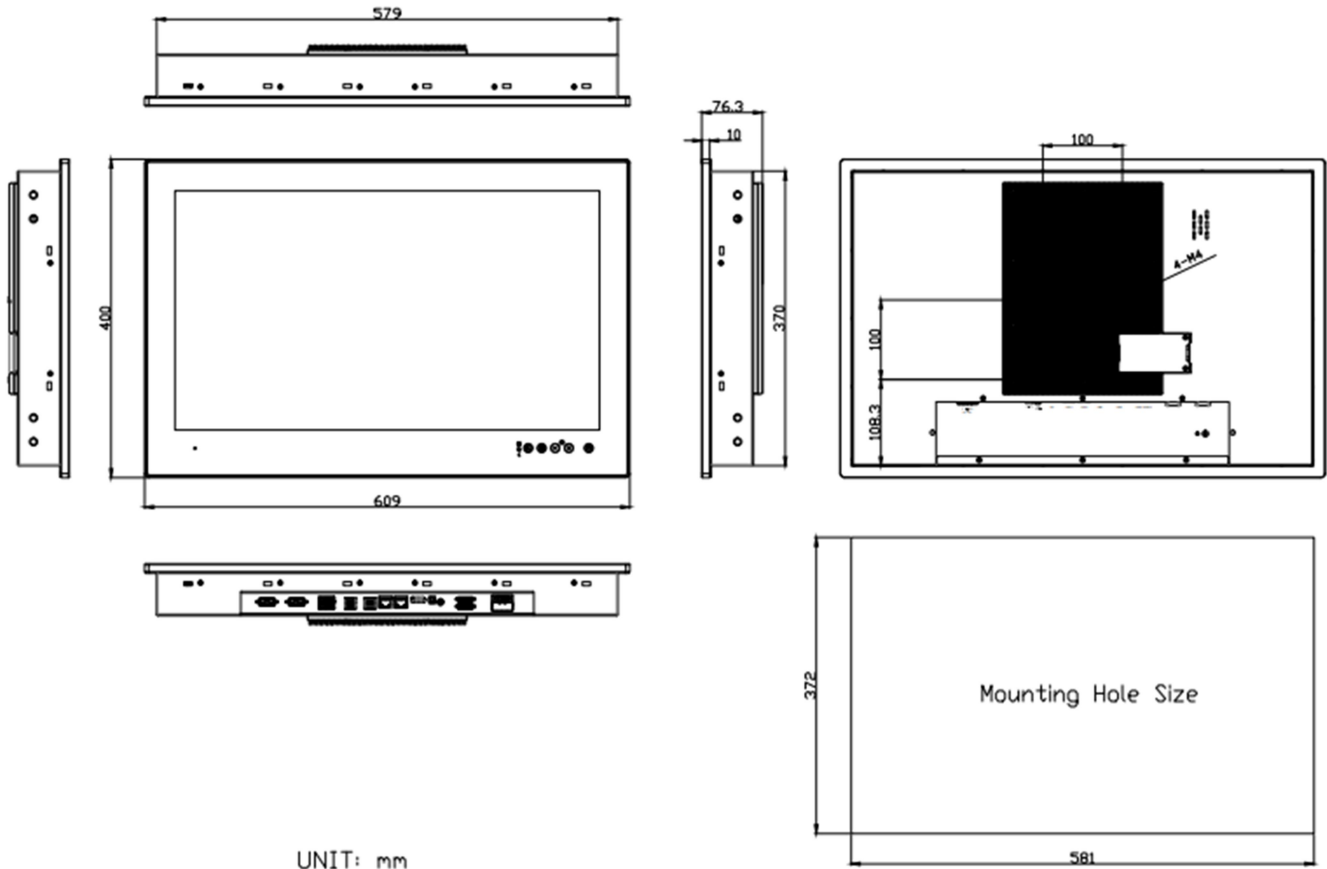
UNIT: mm
Tolerance: ± 0.5

NP-919-MA



UNIT: mm
Tolerance: ± 0.5

NP-924-MA



UNIT: mm
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