

NP-9xx-MA

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

IEC 60945/ (Meet IACS E10/DNV)



INTRODUCTION

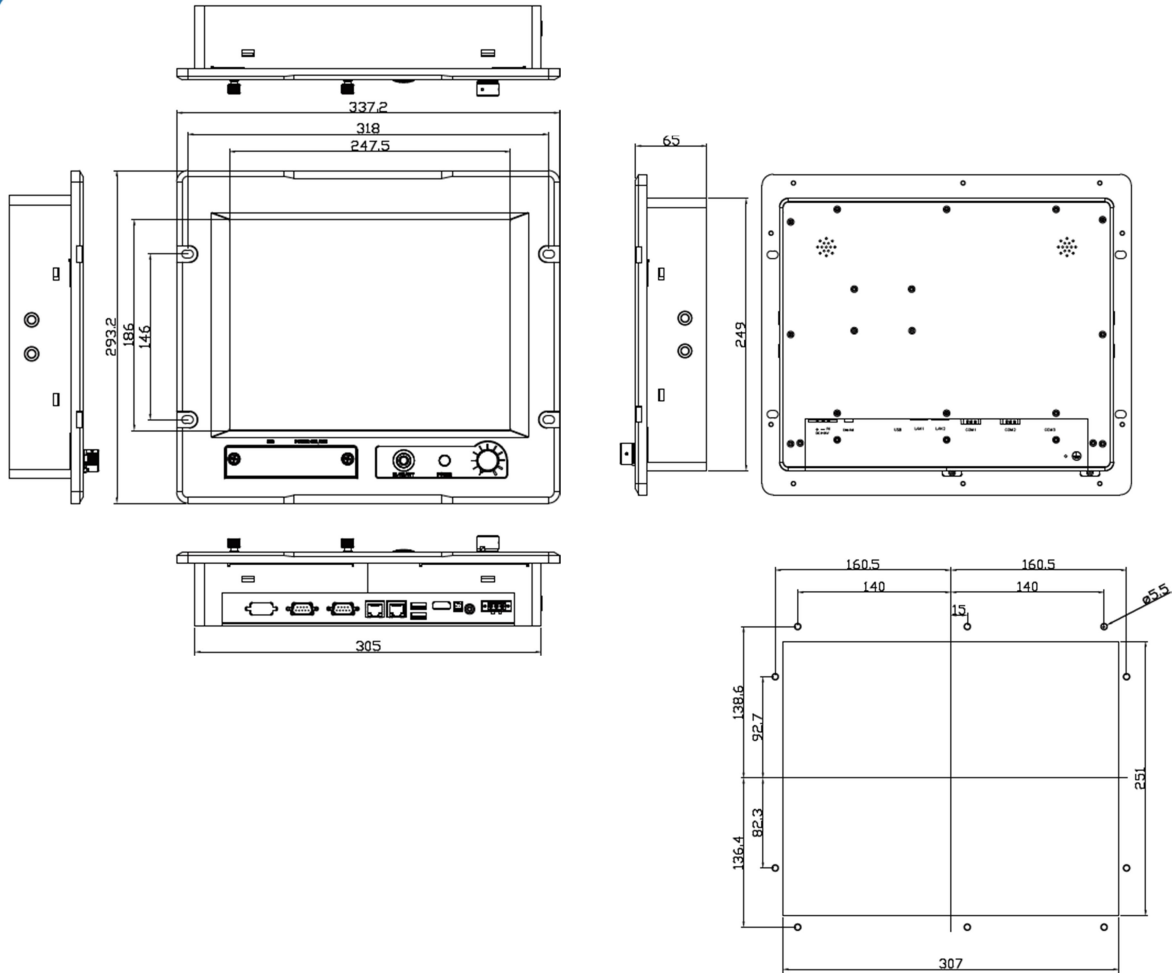
The NP-9xx-MA features a fan less design with Intel 4th Core i3/i5 Processor Haswell-ULT i3-4010U 3M Cache, 1.70GHz (15W) default. The NP-9xx-MA is designed to provide a cost-effective and versatile solution for Marine applications. Meet the requirements of your application by choosing one of 3 Windows Operating systems.

	<u>NP-912-MA</u>	<u>NP-919-MA</u>	<u>NP-924-MA</u>
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	16.2m	16.2m	16.7m
Luminance (cd/m ²)	500	350	300
Viewing Angle (Degree)	160/140	170/160	178/178
System			
CPU	Intel 4th Core i3/i5 Processor Haswell-ULT i3-4010U 3M Cache, 1.70GHz(15W) default		
System Chipset	SoC		
System Memory	Onboard DDR3L 4GB 1600 MHz		
External I/O Port	2 x USB 2.0 type A, USB4/5 1 x RS-232/422/485 DB-9, COM1, Default RS-232 1 x RS-232 DB-9, COM2 RS-232/422/485 DB-9 Isolated (Optional) 1 x Line out phone jack 1 x HDMI With Cover 1 x ESD Ground 1 x Power On/Off Button 1 x Backlight On/Off with Touch On/Off 2 x USB Port Waterproof Cover Design 2 x GbE RJ-45 3 pins terminal block connector, DC Power input		
Storage	1 x 2.5" SATA2 half size 1 x Internal SD slot		

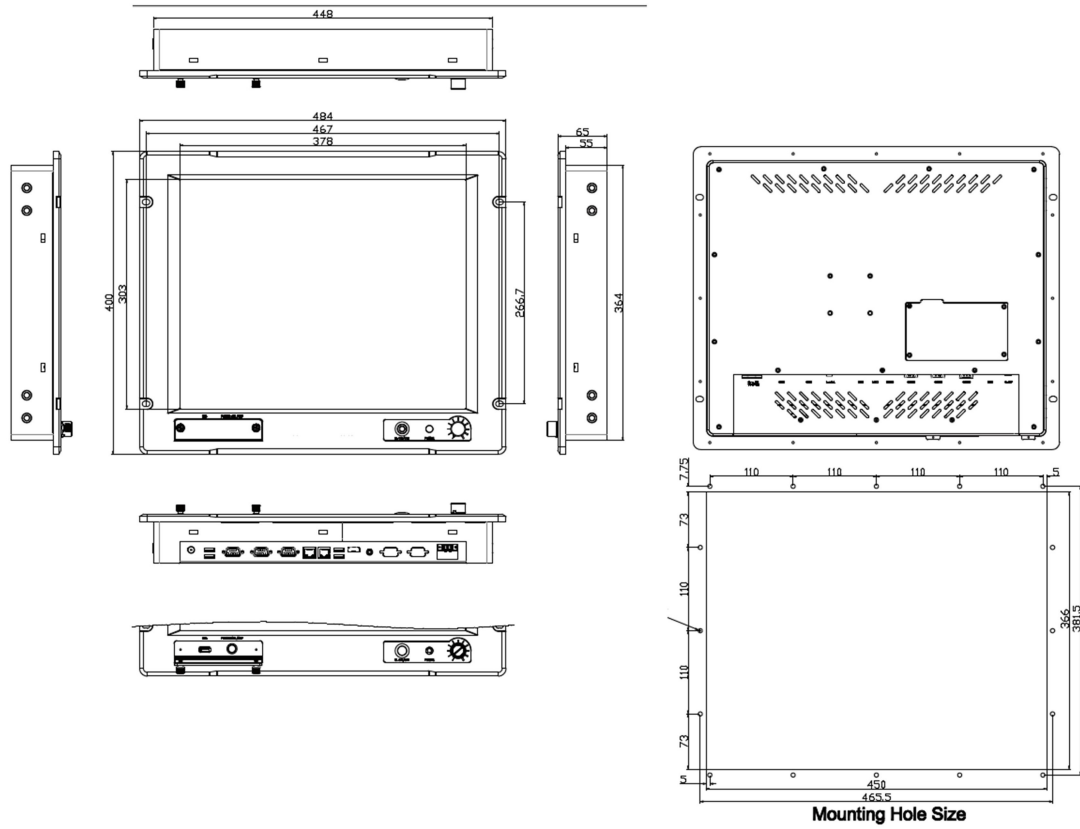
Expansion Slots	2 x Mini-PCIe full size		
OS Support	Microsoft Windows 7 pro for Embedded, Windows Embedded standard 7 (WES7), Windows 10 IoT 2016 LTSB/CBB		
Touch screen	NP-912-MA	NP-919-MA	NP-925-MA
Type	Resistive Touch Screen		
Light Transmission	80%		
Backlight Lifetime	50,000 Hours		
Power Supply	Included		
Power Input	9~36V DC		
	37.24 W	41.8 W	56.6 W
Membrane Control	1 x VR DIMM-Knob for 0%~100% brightness control (at front bezel with IP65 design), 1 x Backlight on/off and touch on/off button		
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)	200 x 146 x 39	484 x 400 x 65	647 x 414 x 65
Net Weight	5 Kg	10 Kg	13 kg
	11 Lb	22 Lb	28.66 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



NP-919-MA



NP-919-MA

NP-924-MA

