

Marine Grade Panel PC

24" Marine Grade Panel PC. Intel 4th Gen i5-4310U, Onboard 4GB DDR3L memory, 1x 2.5in SATA2 Drive Bay. Features fanless design, Front IP65, BLK Alu Front w/ Anti-Corrosion coated BLK Alu Housing, 1x Internal SD slot, 4x USB 2.0, 3x COM ports, 2x GbE LAN, Resistive touchscreen, 9-36VDC power input w/ adapter, Dimming control knob. 32GB SSD MLC Windows 7 Professional for Embedded Systems (FES) 32-bit/x64 EMB ESD OEI 1-2CPU (MS Win7 PRO 32/64 LicSticker 42C-00039)

Model: **AMR2400PC**

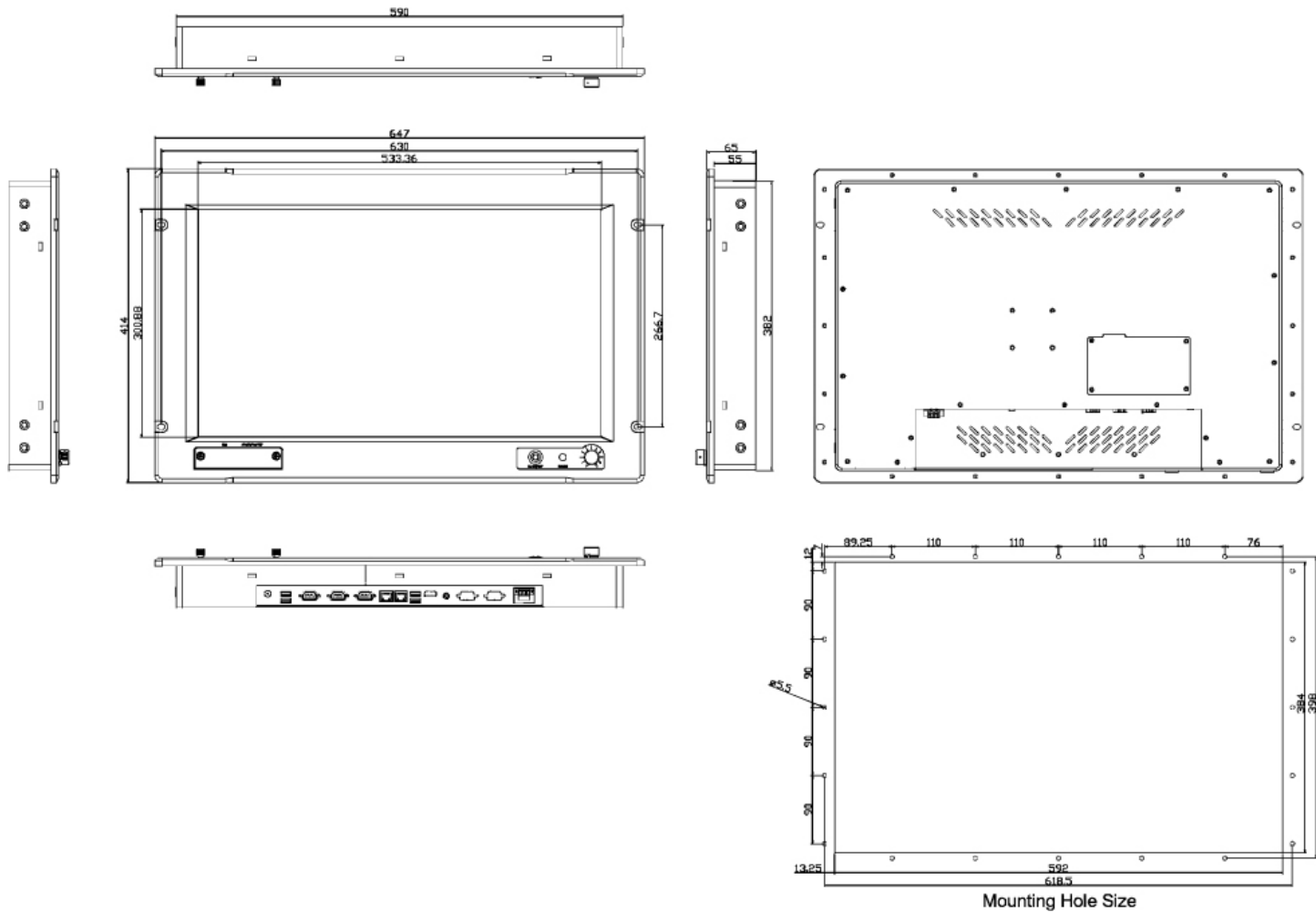


FEATURES:

- 24" TFT LCD
- 4th Intel Core i3/i5/i7 Processor Haswell
- Aluminum Bezel and Housing with Anti-Corrosion Coating
- AR Touchscreen and AR Protection Glass for Option
- Sunlight and Moonlight Readable Function
- Brightness Control from 0% to 100% by A Dimming Knob
- Anti-Shock and Anti-Vibration Design
- Wide Range 9-36V DC Power Input with Isolation Voltage
- Marine Adjustable Mounting Kit for Option
- Designed under CE / FCC Class A/DNV Standard, IEC 60945



MECHANICAL:



SPECIFICATIONS:

System	
Processor	4 th Gen. Intel Core i3/<5/7 Processor Haswell-ULT i3-4010U 3M Cache, 1.70GHz(1SW) default
System chipset	SoC
System memory	Onboard 4GB DDR3 1600 MHz
External I/O	
USB	2 x USB 2.0 type A 2 x USB 2.0 type A (at front bezel with IP65 Cover)
Serial/Parallel	1 x RS-232/422/485 selectable default RS-485 DB9 2 x RS-232 DB9
Audio	1 x RS-42 2/485 with isolation DB9 (Optional)
Graph	1 x Line-Out phone jack
LAN	None
Digital I/O	2 x GbE RJ-45
KB/MS	None
Membrane control	1 x ESD ground
Power	1* VR Dimm-Knob for 0%-100% brightness control(at front bezel with IP65 design), 1 x Backlight on/off and touch on/off button
Storage Space	
HDD	1 x 2.5" SATA2 (Easily Accessible storage design)
Movable device	1 x Internal SD slot on board
Expansion	
On board expansion bus	1 x Mini PCIe half size
Expansion slot	1 x Mini PCIe Full size
Display	
Display Type	24" TFT-LCD
Max. Resolution	1920 x 1080
Max. color	16.7M
Luminance(cd/m ²)	300
View angle(HW)	178/178
Contrast	3000:1
Backlight lifetime(hrs)	50000
Touchscreen	
Type	Resistive
Interface	USB
Light transmission(%)	80%
Power	
Power input	9-36V DC
Mechanical	
Construction	Al u m i n u m (10m m) bezel a n d A l u m i n u m h o u s i n g (Anti- Corrosion Coating)
IP rating	Front bezel IP65
Mounting	Panel Mount/ Front Access Mount/ Mounting Bracket (Optional)
Dimension).mm)	647 x 414 x 65
Net weight(Kgs)	13.0
Environment	
Stora ge temperature(°C)	0-50
Stora ge temperature(°C)	-30-70
Storage humidity	10 to 90% @ 40°C, non- condensing
Vibration/Shock	1G/ 5 - 500Hz(Random)/ Operation, 15G peak acceleration 11 msec, duration)/ operation
Certification	CE/FCC Class B/IEC 60945/ (Meet I ACS E10/DNV)
Operating System Support	
Microsoft Windows 7 pro for embedded, Windows embedded standard 7, Windows Embedded Enterprise 8, Windows Embedded Standard 8	

