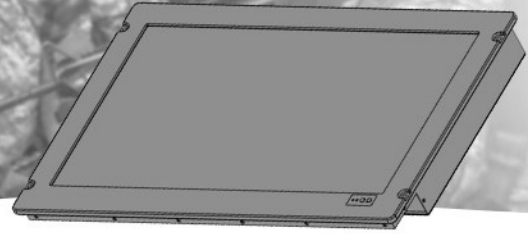


**27" Rugged Panel PC, UHD 4K, Intel 13th Gen i7, 1355U up to 5.0GHz, 64GB DDR4 3200MHz RAM, 1TB M.2 NVMe SSD, 4x USB3.2, 2x 2.5Gb LAN, 2x HDMI, 1x COM, AC90~264V or Optional DC9~36V Wide Input**



**Model: Nmil-W2700-i7**

## FEATURES:

- Rugged 27" Fanless Military Panel PC
- 100% Fanless water and dust resistant chassis
- Resolution : 3840 x 2160 4K Ultra High Definition
- 64GB DDR4 3200MHz RAM
- 1TB M.2 NVMe SSD
- AC90~264V or Optional DC9~36V Wide Input

## SPECIFICATIONS:

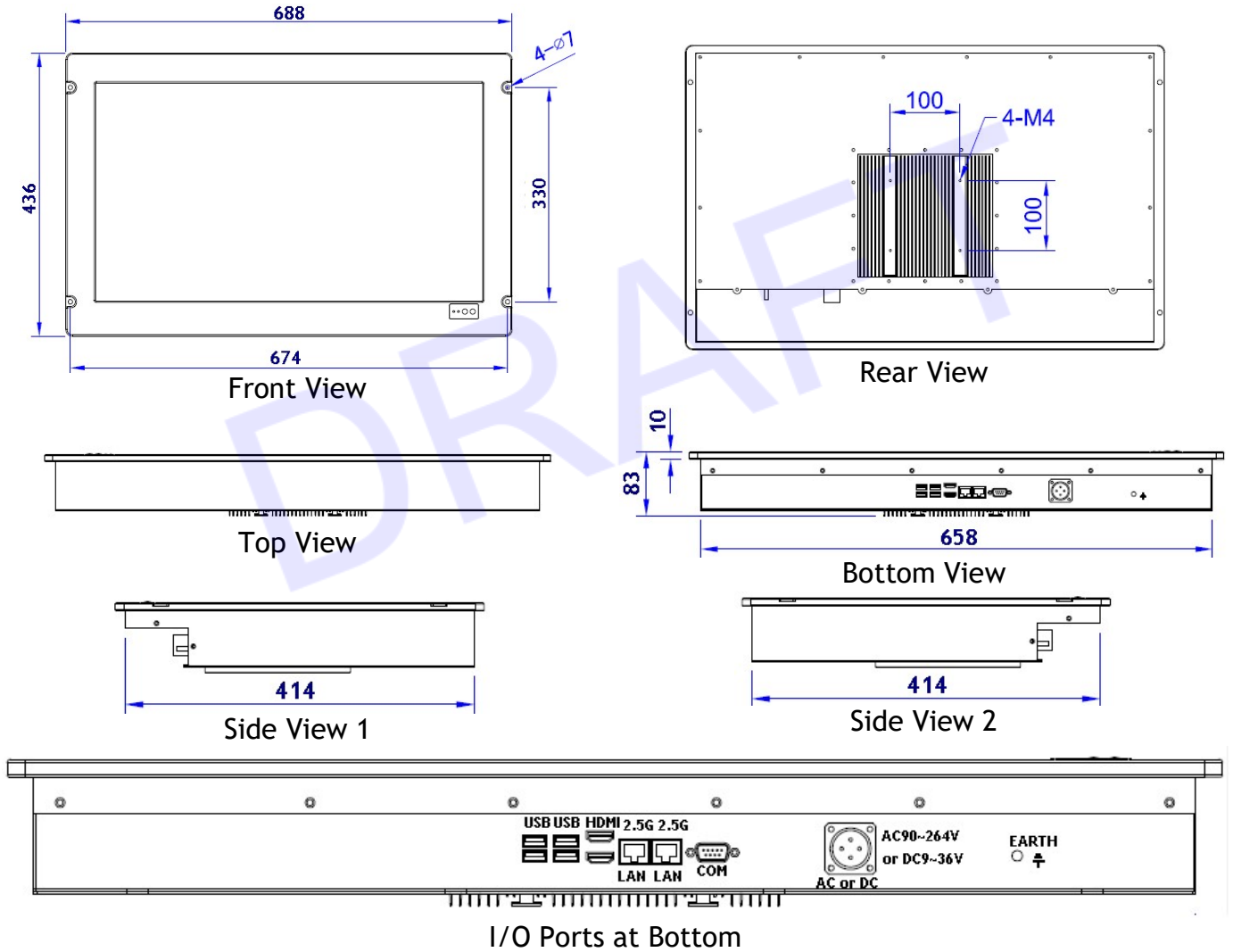
LCD Display	LCD Size	27" Active Matrix TFT
	Resolution	3840 x 2160 4K UHD
	Luminance	400 cd/m2
	Contrast Ratio	1000 : 1
	Display Colors	1.07 Billion
	Viewing Angle	89 / 89 / 89 / 89 Ultra wide angles
Protected Glass or Touch	Protected Glass	Built in Strengthen Protected Glass
	Touch	Optional Projected Capacitive Touch
Fanless Design Water-Dust Resistant	Fanless Design	Yes, 100% Fanless Design
	Water Resistant	Yes, it is optional
	Sand-Dust Resistant	Yes, it is optional
Application	Navy, Marine	Yes, for naval and marine application
	Army	Yes, for army vehicle application
Chassis	Front Bezel	Mil. grade aluminum alloy
	Chassis	Galvanized steel with anti-rust coating Optional AISI-316L Stainless Steel for Marine Application
	Color	Black color
Mount	Front Mount	Support Front Mount
	VESA Mount	Support VESA-100 Rear Mount
Processor	Main-Board	Mil. grade main board
	Processor	Intel new 13 <sup>th</sup> Gen. i7 3.7~5.0GHz ultra high speed processor
	Core	10-Core
	TDP	10W
Graphics	Graphics	Intel Iris Xe high-end graphics processor equivalent to nVidia T-400 GPU
	DirectX	12.1
	Open GL	4.6
	Open CL	3.0
	Video Memory	64GB share video memory
RAM	RAM Size	64GB DDR4 3200MHz high speed SO-DIMM RAM
	RAM Type	SO-DIMM type RAM
Storage	SSD	1TB M.2 NVMe Ultra Fast SSD
	SSD Type	M.2 2280 NVMe

*\*Specifications subject to change without notice, not responsible for typographical errors.*

I/O Port	USB	4 x USB3.2 with standard USB ports Option : MIL-D-38999 MIL. Water-proof connector
	LAN	2 x 2.5Gb LAN with standard RJ-45 port Option : MIL-D-38999 MIL. Water-proof connector
	HDMI	2 x HDMI with standard HDMI connector Option : MIL-D-38999 MIL water-proof connector
	COM	1 x RS232/422/485 serial standard connector Option : MIL-D-38999 Mil. Water-proof connector
	AC Power	1 x AC90~264V or optional DC9~36V Military circular connector Option : DC MIL-D-38999 MIL. Water-proof connector
Control Button	On-Off Button	On-Off button
	Reset Button	Reset button
Power Supply	Power Input	AC90~264V, 47~63Hz wide input Option : DC9~36V wide input
	Power Grade	Military grade power supply MIL-STD-1275D compliant
	Power Consumption	Around 50W in total
Dimension	Exclude Bezel	688 (W) x 436 (H) x 73 (D) mm
	Include Bezel	688 (W) x 436 (H) x 83 (D) mm
Environmental	<b>Operating Temp.</b>	<b>0 ~ +50°C</b> <b>Option : -20 to +65°C</b>
	<b>Storage Temp.</b>	<b>-30 ~ +85°C</b>
	Humidity	5~95% R.H. at 30°C, non-condensation
	Shock	MIL-STD-810 compliant
	Vibration	MIL-STD-810 compliant
	Salt Fog Spray	MIL-STD-810 compliant
EMI/EMC	CE	CE approval
	FCC	FCC approval
	MIL-STD-461	Optional at your request

# MECHANICAL DRAWINGS:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: Nmil-W2700-u7-02022024-V1