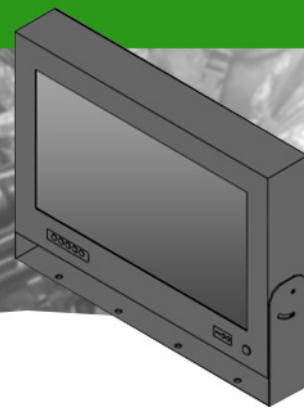


# RUGGED MARINE GRADE TOUCH PANEL PC

Rugged Marine Grade 24" Touch Panel PC, 1920 x 1200, Intel Pentium 4-Core N4200 up to 2.5GHz, 4GB RAM, 120G M.2 SSD, 5 x Gb LAN, 5 x RS422 2 x USB3.0, Desktop Stand, AC90~264V Power Input




**Model: NmiW2400TR-N42**

## SPECIFICATIONS:

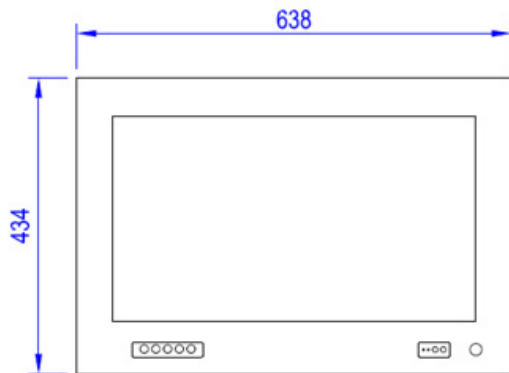
Mechanical	Chassis	Rugged galvanized steel with anti-rust painting
	Color	Black
	Desktop Stand	Built in stainless steel desktop stand
Mounting	Desktop Mount	Support Desktop Mount
	Wall Mount	Yes, support VESA wall mount
LCD Module	LCD Size	24" diagonal active Matrix TFT LCD
	LCD Grade	Military grade support -30 to 85 deg. C
	Resolution	1920 x 1200 Full HD
	Backlight	LED backlight
	Luminance	300 cd/m2
	Contrast Ratio	1000 : 1
	Display Color	16.7 M
Touch	Viewing Angle	89° / 89° / 89° / 89°
	Touch Technology	5-Wire Resistive Touch
	Touch Device	Fingers, Gloves, Stylus pen, etc.
Main Board	Touch Interface	USB
	Main Board Grade	Military Grade mainboard
	Capacitor	All Solid Organic Capacitors
Processor	Operating Temp.	Withstand -30 up to +80 degree C
	CPU	Intel Pentium 4 Core N4200 high speed processor
	Clock Speed	1.1~2.5GHz
	Cache Memory	2MB L2 smart cache memory
System RAM	Power Consumption	6W / 4W
	RAM	4GB DDR3 1866/1600MHz
	Expansion	Expandable up to 8GB
Storage	RAM Type	SO-DIMM type
	Interface	120GB M.2 high speed SSD
	SSD	120GB SSD
Graphics	Expansion	Expandable up to 250G, 500G, 1TB, 2TB
	Graphics Chip	Intel HD 505 graphics engine
I/O Port	Graphics Memory	1GB share memory
	LAN	5 x Gigabit Ethernet in RJ45
	COM	5 x RS422/485/232 (Pre-set as RS422)
	USB	2 x high speed USB3.0
	AC	1 x AC with Mil. circular connector

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

Hard/Soft Keys	Hard Key	System On-Off Hard Key at the right side
	OSD Control Buttons	OSD Control buttons at the front left side
		Night mode, Day mode, Dimming, Backlight On-Off
	Reset Key	Yes, at the front right side
	LED Indicator	Yes, Power LED, HDD LED indicators
O.S.	Windows	Support Windows 10, 8, 7 etc.
	O. S.	Support Linux, Ubuntu, etc.
MTBF/MTR	MTBF	More than 40,000 hours
	MTR	Less than 30 min.
Environmental	JSS 55555	Design to comply with JSS 55555
	Shock	Design to meet NSS Grade-II 50g, 11ms (vertical), and 22g, 11ms (lateral)
	ESS Test	Design to mee ESS
	TCSS (Thermo)	Design to meet TCSS
	RVSS (Vibration)	Design to meet RVSS
	Endurance Burn-In-Test	Design to meet Endurance Burn-In-Test
EMI/EMC	MIL-STD-461 F/G	Design to meet MIL-STD-461F/G

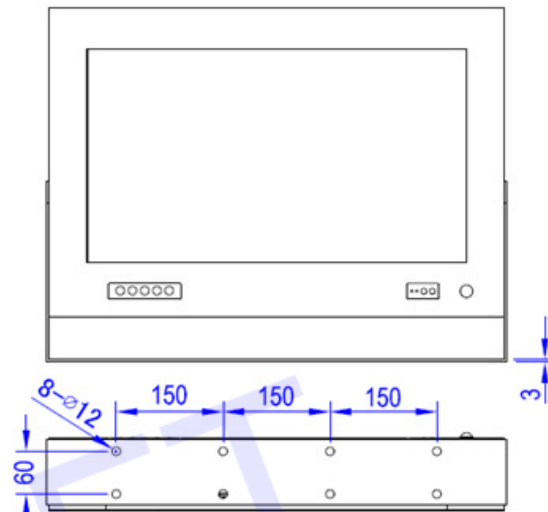
# MECHANICAL DRAWINGS

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

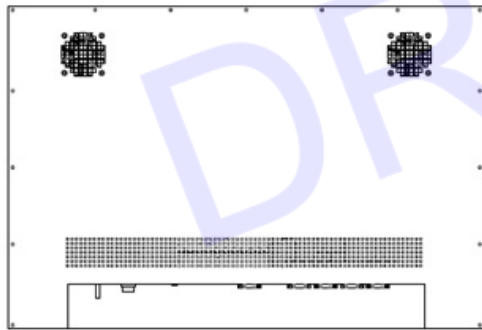


Night Day Dimming LED On-Off

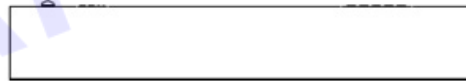
Front View



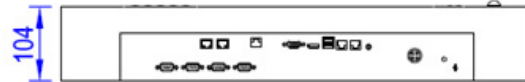
Front View with Desktop Stand



Rear View



Top View



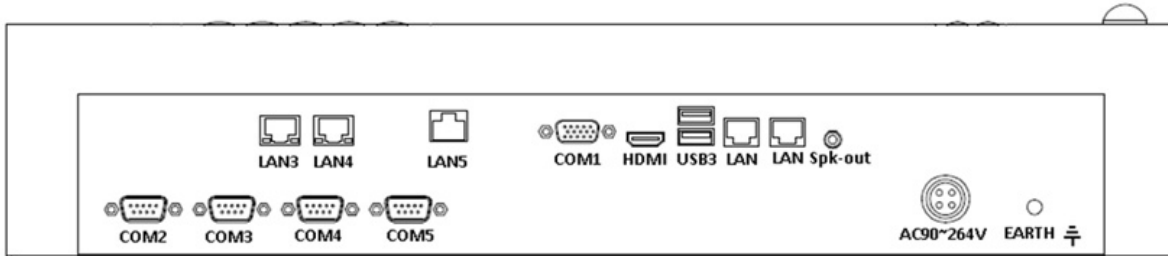
Bottom View



Side View 1



Side View 2



I/O Ports at Rear Bottom