

RUGGED MARINE GRADE TOUCH PANEL PC

Rugged Marine Grade 15.6" Touch Panel PC, 1920 x 1080, 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: **NmilW1560TR-N42**

SPECIFICATIONS:

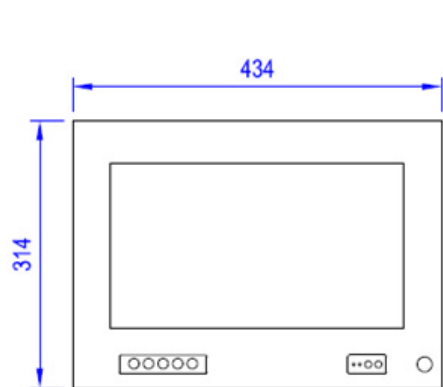
Mechanical	Chassis	Rugged galvanized steel with anti-rust painting
	Color	Black
	Desktop Stand	Built in stainless steel desktop stand
Mounting	Desktop Mount	Support Desktop Mount
	Wall Mount	Yes, support VESA wall mount
LCD Module	LCD Size	15.6" diagonal active Matrix TFT LCD
	LCD Grade	Military grade support -30 to 85 deg. C
	Resolution	1920 x 1080 Full HD
	Backlight	LED backlight
	Luminance	450 cd/m2
	Contrast Ratio	800 : 1
	Display Color	16.7 M
	Viewing Angle	85° / 85° / 85° / 85°
Touch	Touch Technology	5-Wire Resistive Touch
	Touch Device	Fingers, Gloves, Stylus pen, etc.
	Touch Interface	USB
Main Board	Main Board Grade	Military Grade mainboard
	Capacitor	All Solid Organic Capacitors
	Operating Temp.	Withstand -30 up to +80 degree C
Processor	CPU	Intel Pentium 4 Core N4200 high speed processor
	Clock Speed	1.1~2.5GHz
	Cache Memory	2MB L2 smart cache memory
	Power Consumption	6W / 4W
System RAM	RAM	4GB DDR3 1866/1600MHz
	Expansion	Expandable up to 8GB
	RAM Type	SO-DIMM type
Storage	Interface	120GB M.2 high speed SSD
	SSD	120GB SSD
	Expansion	Expandable up to 250G, 500G, 1TB, 2TB
Graphics	Graphics Chip Graphics Memory	Intel HD 505 graphics engine 1GB share memory
I/O Port	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.*

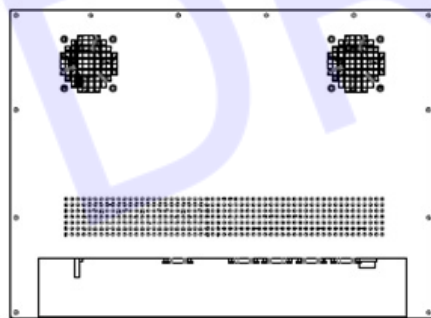
Hard/Soft Keys	Hard Key	System On-Off Hard Key at the right side
	OSD Control Buttons	OSD Control buttons at the front left side
		Night mode, Day mode, Dimming, Backlight On-Off
	Reset Key	Yes, at the front right side
	LED Indicator	Yes, Power LED, HDD LED indicators
O.S.	Windows	Support Windows 10, 8, 7 etc.
	O. S.	Support Linux, Ubuntu, etc.
MTBF/MTTR	MTBF	More than 40,000 hours
	MTTR	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

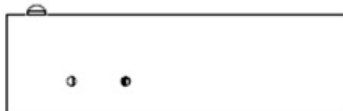
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



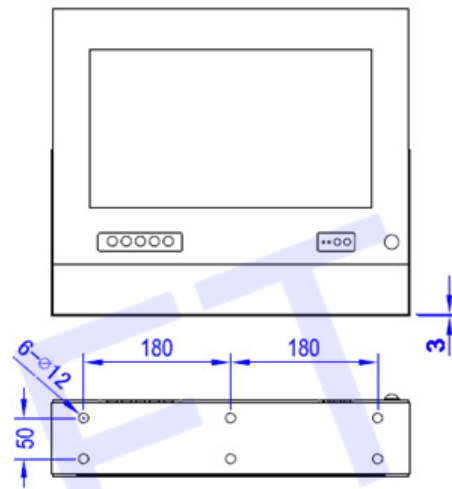
Front View



Rear View



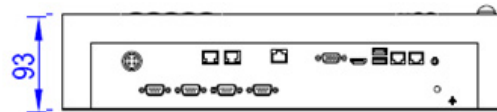
Side View 1



Front View with Desktop Stand



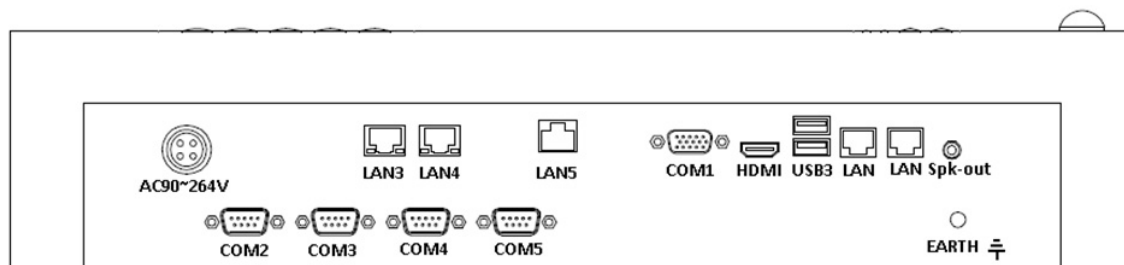
Top View



Bottom View



Side View 2



I/O Ports at Rear Bottom