

Military Grade 19" Touch Panel PC, Intel Gen 10 i7-10700T 8-Core 16-Thread ~4.5GHz CPU, 64GB DDR4 RAM, 500GB M.2 SSD, 4 x LAN, 8 x USB3.0, 4 x USB2.0, 1 x HDMI, 1 x DP, 1 x VGA, 2 x COM, AC90~264V Input

Model: Nmil1900i7-PCT10



SPECIFICATIONS:

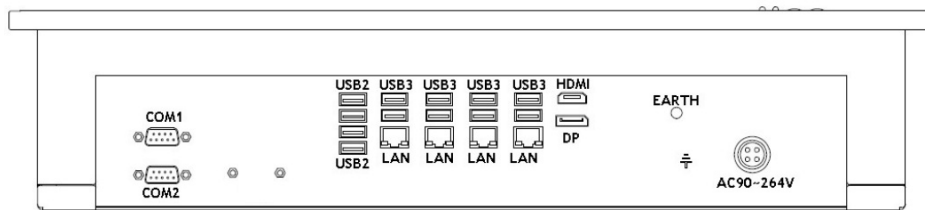
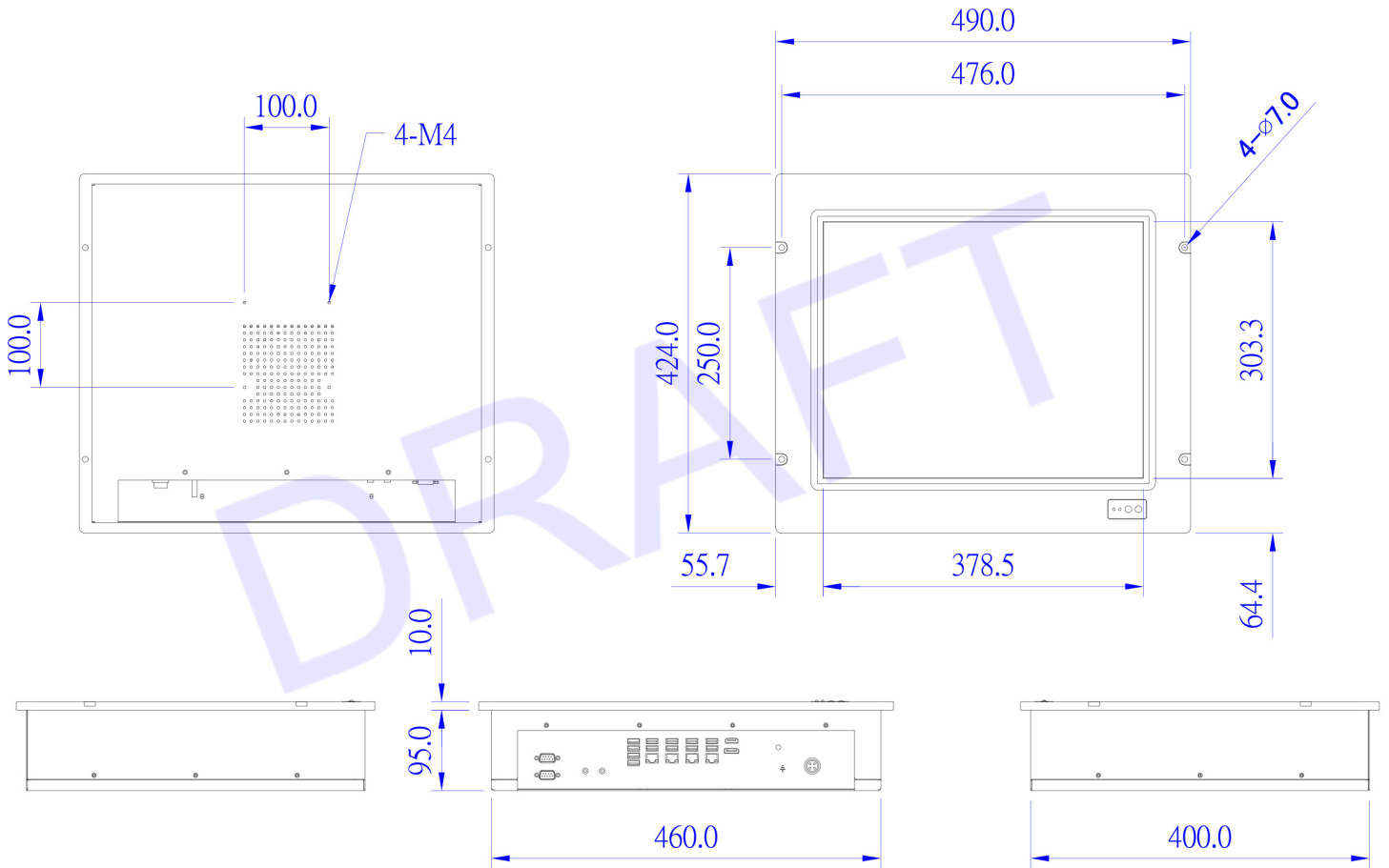
Mechanical	Front Bezel	Mil. grade aluminum alloy front bezel
	Treatment	Powder Coating
	Chassis	Galvanized steel with anti-rust coating
	Color	Black
Mount	Front Mount	Front Mount
	VESA Mount	Support VESA-100 mount
LCD Module	LCD Size	Military grade LCD module
	Active Screen Area	376.32 (H) x 301.06 (V) mm
	Resolution	1280 x 1024
	Contrast Ratio	5 : 4
	Brightness	350 cd/m2
	Contrast Ratio	1000 : 1
	Display Color	16.7 M
	View Angle	170° (H) ; 160°(V)
Touch	Touch Technology	Projective Capacitive Touch
	Touch Point	10-Point Multi-Touch
	Touch Device	Fingers
	Surface	Scratch resistant
Main Board	Grade	Military-Industrial grade mother-board
Processor	CPU	Intel Gen 10 i7-10700T high speed CPU
	Core / Thread	8 Cores, 16 Threads
	Speed	2.0 ~ 4.5 GHz
	Cache Memory	16MB smart cache
	Power Consumption	35W Average, 25W Slow
System RAM	RAM Type	64GB DDR4 3200/2933MHz DIMM Type
	Expandable	Expandable up to 128GB
	Max. Expansion	128GB max.
Storage	SSD / HDD	500 GB M.2 2280 high speed SSD

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

Graphics	Graphics Controller	Intel High Speed UHD 630
	DirectX	Support DirectX 12
	OpenGL	OpenGL 4.5
I/O Port	LAN	4 x 10/100/1000Mbps Ethernet ports
	USB3.0	8 x USB3.0s
	USB2.0	4 x USB2.0
	HDMI	1 x HDMI ports
	Display Port	1 x Display Port
	VGA	1 x VGA
	Serial Port	1 x RS232/422/485 + 1 x RS232
	Power input	1 x AC with military circular connector
Power Supply	Power Supply	Built-in military grade power supply
	Power Input	AC90~264V wide power input
	Power Input Option	Option : DC9~32V or DC16~60V
Power Consumption	Power Consumption	55 to 65 Watts
Heater Module	Heater Module	Optional at your request
Dimensions	Without Bezel	490 (W) x 424 (H) x 95 (D) mm
	With Bezel	490 (W) x 424 (H) x 105 (D) mm
	Cut-Out Dimensions	464 (W) x 404 (H)
O. S.	Operating System	Windows 10 Pro., IoT, Linux, etc.
Environmental	Operating Temperature	0 to +50° C
	Storage Temperature	-30 to + 85° C
	Humidity	5~95% R.H. at 40 C, non-condensation

MECHANICAL DRAWINGS:

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



I/O Ports