RUGGED MILITARY LAPTOP

18.5" Rugged Portable Panel PC with Intel Core i7, 1920x1080, 1000nits, 5-Wire Resistive Touch and Aluminum alloy with anti-rust coating.

Model: Nmil-W1850-i7

SPECIFICATIONS:

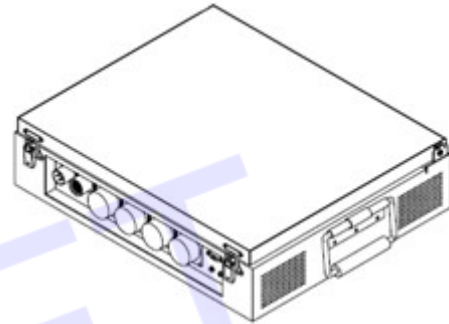|		
Mechanical	Chassis	Aluminum alloy with anit-rust coating
	Color	Black, matt finish
	Design	Built-in Cooling Fans
	Foldable	Foldable and Portable
LCD Module	LCD Size	18.5" diagonal Active Matrix TFT LCD
	Backlight	LED
	Resolution	1920 x 1080 Full HD
	Luminance	1000 cd/m2
	Contrast Ratio	1000 : 1
	Display Color	16.7 M
	Viewing Angle	89° / 89 / 89 / 89°
Touch	Touch Type	5-Wire Resistive Touch
	Touch Device	Fingers, Stylus Pen
	Touch Resolution	4096 x 4096
Main Board	Main Board Grade	Industrial Server Mother Board
Processor	CPU	Intel 8th Gen. i7-8700T
	No. of Core / Thread	6-Core, 12-Threads, 12MB cache
	Clock Speed	2.4~4.0GHz
	Cache Memory	12MB smart cache memory
	Power Consumption	35W average, 25W slow down
System RAM	RAM	8GB DDR4 2666 / 2400 MHz
	Memory Type	SD-RAM
	Expandable	Up to 64GB
Storage	SSD	1TB SSD
	Interface	M.2 2280 High Speed SSD
	Expansion	500GB, 1TB, 2TB, 4TB …
Graphics	Graphics Chip	Intel UHD630 high speed engine
I/O Port	J1	1 x D-38999 3-Pin Mil. connector
	J2	1 x D-38999 include 2 x RS232/422 + 2 x GLAN + 2 x USB
	J3	1 x D-38999 Mil. connector with128-pin PCI-e x16
	J4	1 x D-38999 Mil. connector with128-pin PCI-e x16
	J5	1 x D-38999 Mil. connector with128-pin PCI-e x16
	J6	1 x D-38999 Mil. connector with128-pin PCI-e x16
Other Connector	VGA	1 x VGA with standard D-Sub connector
	USB	2 x USB3.0 with standard USB3.0 connector
Power Supply	Power Consumption	60~75 Watts
	DC Power Input	DC 18~30V
	AC Input	External AC90~264V Power Adapter
Dimensions & Weight	Dimensions	480 (W) x 400 (D) x 120 (H) mm
	Weight	To be checked
O.S.	Windows 10	Support Windows 10
	Linux	Support Linux, Ubuntu, RHEL, etc.

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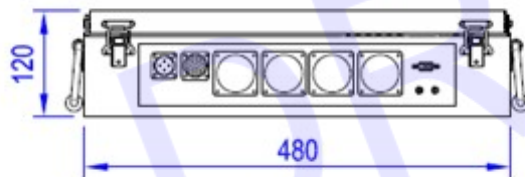
MECHANICAL DRAWINGS

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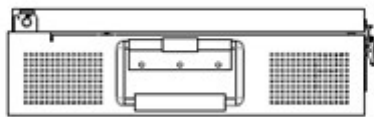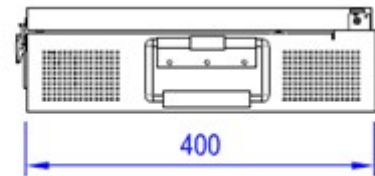

Isometric View (Open)

Isometric View (Close)

Front View

Rear View

Side View 1

Top View

Side View 2