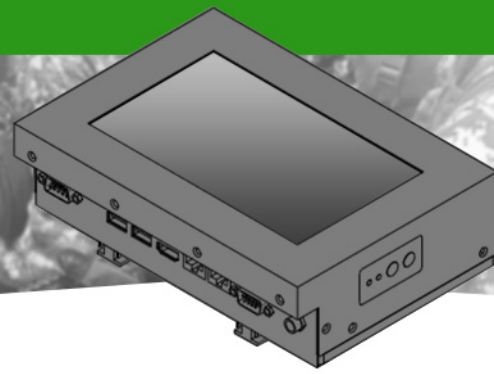


**Rugged 7" Touch Panel PC, Intel 8th Gen. i3-8145UE
2.2~3.9GHz, 4GB RAM, 120GB M.2 SSD, 2 x COM, 4 x USB3.2,
2 x Gb LAN, 2 x HDMI, DC9~36V, AC 90~264V Adapter**



Model: Nmil-CHW0700-J-V2

SPECIFICATIONS:

MECHANICAL	Fanless Design	100% Fanless Design
	Enclosure	Rugged galvanized steel
MOUNT	VESA Mount	Support VESA-100 mount
	Panel Mount	Optional Panel Mount
LCD MODULE	LCD Grade	Industrial grade LCD module
	LCD Size	7" TFT LCD
	Resolution	1024 x 600
	Brightness	500 cd/m2 high bright
	Contrast Ratio	800 : 1
	Display Color	16.7 M
	View Angle	75° / 75° / 70° / 75°
TOUCH	Touch Technology	5-Wire Resistive touch
	Touch Point	Single Point
	Touch Device	Fingers, Stylus pen
EMI / EMC	EMI / EMC Mesh	Yes, built in EMI / EMC mesh
	EMI / EMC Grouding	Yes, grounding
MAIN BOARD	Main Board Grade	Military grade main board
	Processor Generation	8 th Generation new processor
PROCESSOR	Generation	Intel new 8 th Generation processor
	Clock Speed	I3- 8145UE, 2.2~3.9GHz high speed
	Power Consumption	15 W, up to 25W or down to 12.5W
	Cache	4MB smart cache memory
GRAPHICS	Graphics	Intel high speed UHD 620
	DirectX Support	DirectX 12
	Open GL Support	Open GL 4.5
	Graphics RAM	1MB share

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

SYSTEM RAM	RAM	4GB DDR4 2400MHz
	Expansion	Expandable up to 32GB
	RAM Type	DDR4 2400MHz SO-DIMM
SSD	SSD	1 x 120GB M.2 2280 high speed SSD
I/O PORT	Serial (COM)	2 x Serial Ports
	RS232/422/485	1 x RS232/422/485 + 1 x RS232
	USB	4 x USB3.2 ultra high speed
	LAN	2 x Gigabit Ethernet
	HDMI	2 x HDMI support 4K resolution
POWER SUPPLY	Power Input	DC9~36V
	AC Input	External AC Adapter 90~264V
POWER CONSUMPTION	Average	20 Watts
	Turbo Up	30 Watts
	Slow Down	17 W
DIMENSIONS	W x D x H	206 x 145 x 68 mm
O.S.	Windows 10	Support Windows 10
	Windows 7	Do not support Win 7 due to too old. Only before 6 th Gen. support Win 7
	RHEL, Linux	Support RHEL, Linux
ENVIRONMENTAL	Operating Temperature	Support -20 to +60° C
	Storage Temperature	Support -40 to +80° C
	Operating Altitude	5500 meters
	Vibration	Design to meet JSS-55555
	Shock	Design to meet JSS-55555
	Salt Fog	MIL-STD-810F compliant
EMI / EMC	EMI / EMC	Design to meet MIL-STD-461E
MIL-STD TEST FEE	MIL-STD Test Fee	Test fee is required if need test reports

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MECHANICAL DRAWINGS:

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

