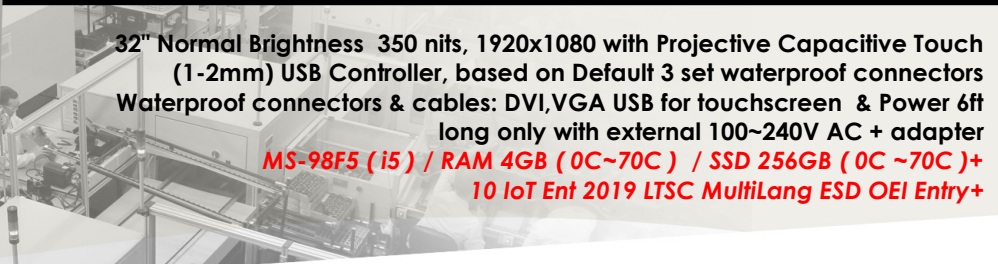


RUGGED COMPLETELY SEALED FULL IP66/NEMA4X STAINLESS STEEL CHASSIS/SURFACE MOUNT



32" Normal Brightness 350 nits, 1920x1080 with Projective Capacitive Touch
(1-2mm) USB Controller, based on Default 3 set waterproof connectors
Waterproof connectors & cables: DVI,VGA USB for touchscreen & Power 6ft
long only with external 100~240V AC + adapter
**MS-98F5 (i5) / RAM 4GB (0C~70C) / SSD 256GB (0C ~70C) +
10 IoT Ent 2019 LTSC MultiLang ESD OEI Entry+**

Model: CCHW3200-SIP-i5-PCT

FEATURES:

- High Contrast color LCD Monitor with resolution up to FULL HD (1920x1080)
- Completely Sealed FULL IP66/NEMA4X
- High Shock & Vibration Resistance
- Widely Application: Automation, Medical, Tourist, Transportation

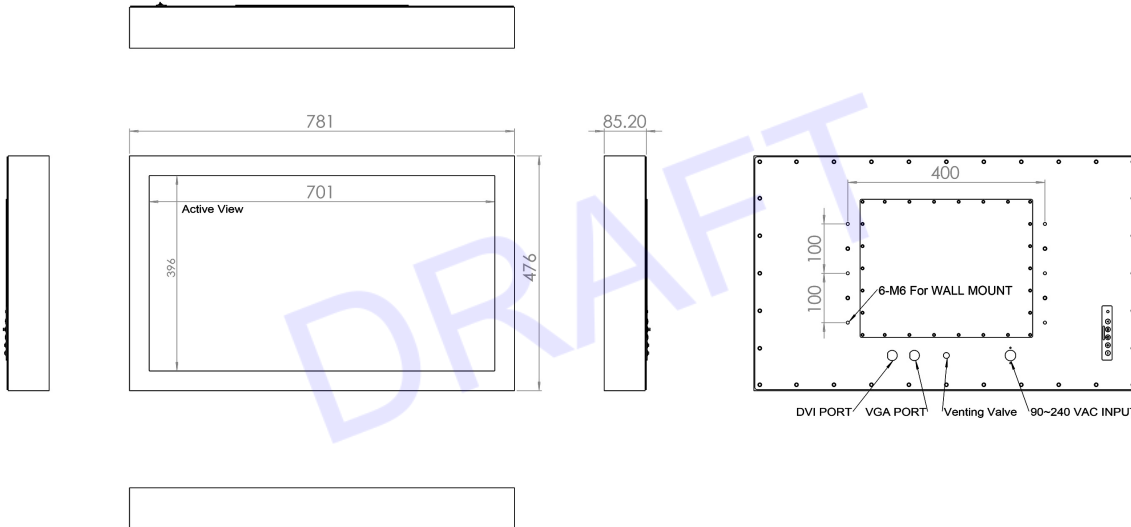
SPECIFICATIONS:

Display	Viewing Size Image	32"
	Active Display Area (mm)	701 (H) x 396 (V)
	Pixel Pitch (mm)	0.3638(H)x 0.3638(V)
	Resolution	1920 x 1080
	Contrast Ratio	3000: 1(typ.)
	Color	16.7 M(8bits+colors)
	Brightness	350 cd/m ²
	Viewing Angle	-89~89 (H) ; -89~89 (V)
	Recommended Resolution	1920 x 1080 @ 60Hz
	Signal Connector	VGA,DVI
Power	Source	AC100V~AC240V
	Consumption	75W typical, normal operation
	Management	VESA DPMS Compliant
Optional	Touch	Resistive, PCAP,IR
	High Brightness	1000,1500
	Auto Dimming	YES
	POWER in	DC24V
	Remote Control	YES
	IO	AV,HDMI,DP

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

MECHANICAL DRAWING:

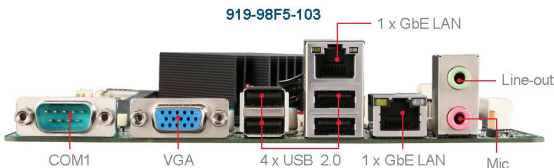
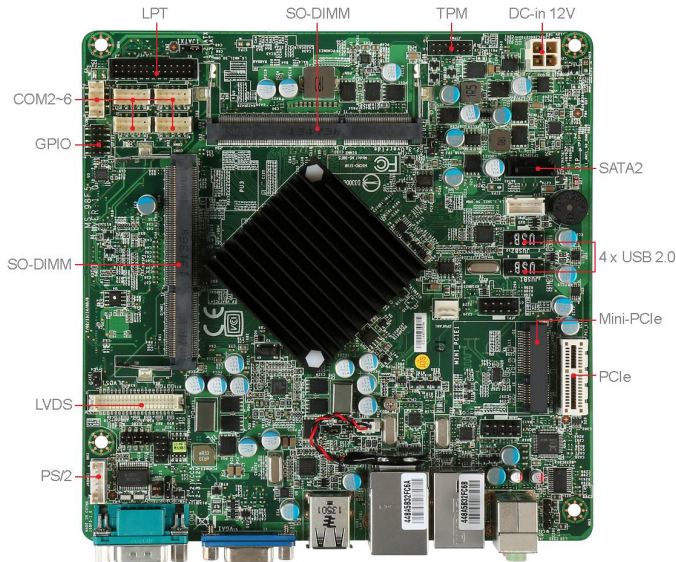
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Modified Date: 03-17-2021

PC SPECS:

- Support Intel® BayTrail Quad Core 1.83/2GHz processor
- Low power and fanless design
- Support 6 COMs and 8 USB 2.0
- Intel® Gen 7 graphics technology



Processor	CPU	Intel Core i5
	Frequency	2 GHz (Quad Core, for J1900) 1.83 GHz (Quad Core, for N2930)
	L2 Cache	2 MB
	CPU Type	BGA
	Chipset	Integrated
Memory	BIOS	AMI
	Technology	Dual-channel DDR3L 1333/1066 MHz
	Max Capacity	Up to 8GB
Display	Socket	2 or 1 x 204-pin SO-DIMMs (depends on SKU)
	Controller	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
	LVDS	Dual Channel 24-bit (add chrontel 7511B chipset)
	VGA	1
	Multiple Display	2 independent displays
Ethernet	Display Interface	VGA up to 2560 x 1600 LVDS up to 1920 x 1200
	Controller	2 or 1 x Realtek® RTL8111G-CG GbE LAN (depends on SKU)
Audio	Controller	Realtek® ALC887 HD Audio Codec
Super I/O	Controller	Fintek F81866AD-I
H/W Monitor	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
TPM	Controller	Pin header
I/O Interface	USB	8 x USB 2.0 (4 x internal; 4 x rear)
	Serial	6 x COM (COM1: rear, COM2~COM6: internal) COM1: RS-232, 0V/5V/12V COM 2~6: RS-232, w/o power
	Parallel	1 (Pin header)
	PS/2	1 (Pin header)
	GPIO	8-bits (4 x GPI, 4 x GPO), 3.3V
Expansion	PCIe x1	1
Slot	Mini-PCIe	1 x Full-size (w/ mSATA)
Storage	SATA	1 x SATA 2.0
	mSATA	1
Power Supply	DC	DC-in 12V
	ATX	N/A
Environment	Operating Temp	0 ~ 60°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temp	-40 ~ 85°C
	Storage Humidity	10 ~ 90%, non-condensing
Form Factor	Dimension	170mm x 170mm (Mini-ITX)
	Weight	0.37 Kg
Certification	EMC	FCC, CE, C-Tick, VCCI, BSMI