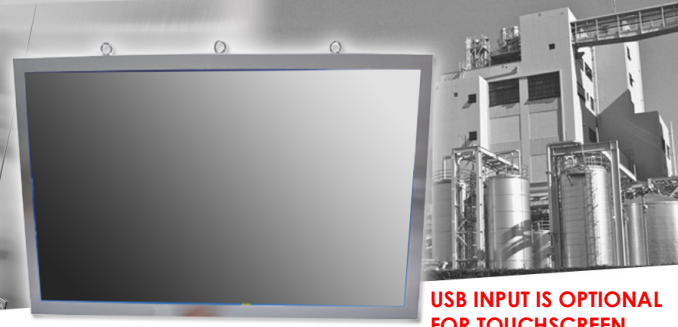


Full IP65 Stainless LCD Monitor

High Brightness Rugged Completely Sealed Full IP66/NEMA4X Stainless Steel Chassis/Surface Mount, 55" Brightness 1000 nits, 1920x1080 with Projective Capacitive Touch (1-2mm) Integrated with embedded PC MS-98F5 (J1900) / RAM4GB / SSD 256GB (-40~85C)+ I/O (LTW waterproof connector) : USB x 2, RS232 x 1, LAN x 2 and 100~240 power cord +Win 10 IoT Ent 2019 LTSC MultiLang ESD OEI Entry



USB INPUT IS OPTIONAL FOR TOUCHSCREEN

MODEL: CCHW5500HB-SIP-J-PCT

FEATURES:

- High contrast color TFT LCD monitor support resolution up to Full HD (1920x1080)
- Widely used in chemical industry, food industry, medical devices, appliances etc with good corrosion resistance.

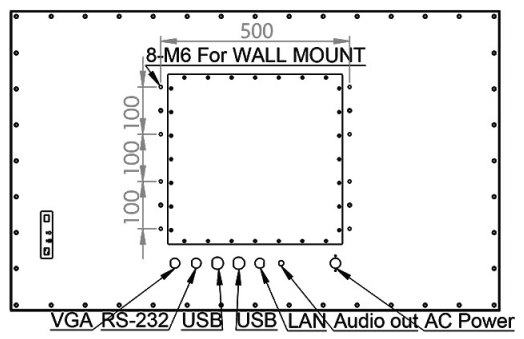
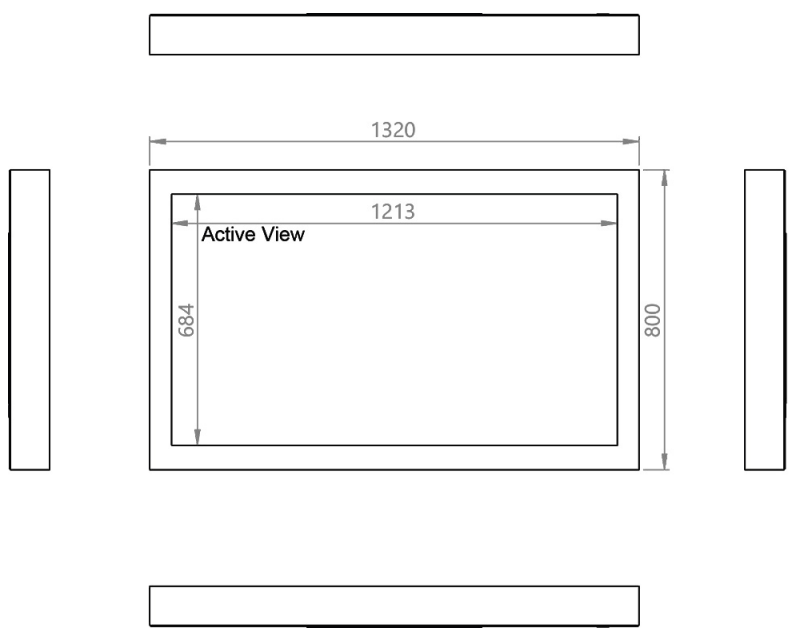
SPECIFICATIONS:

Display	Viewing Size Image	55"
	Active Display Area (mm)	1213 (H) x 684(V)
	Pixel Pitch (mm)	0.21(H)x0.63(V)
	Resolution	1920x1080
	Contrast Ratio	4000 : 1 (typ.)
	Color	1073.7M (10bits/color)
	Brightness	1000 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	170W 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

IP65 Waterproof connectors:

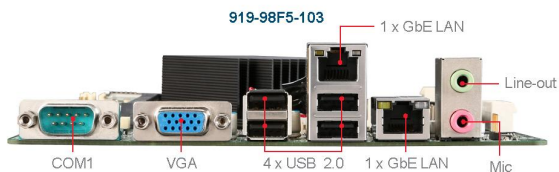
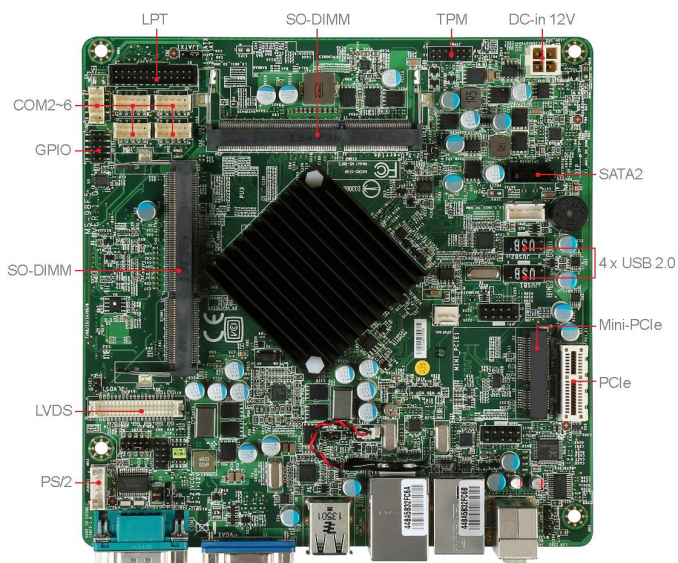
VGA Input DVI Input USB Input Power Input
(Option)

MECHANICAL DRAWING



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 Celeron Processor J1900/N2930
	Frequency	2 GHz (Quad Core, for J1900) 1.83 GHz (Quad Core, for N2930)
	L2 Cache	2 MB
	CPU Type	BGA
	Chipset	Integrated
	BIOS	AMI
Memory	Technology	Dual-channel DDR3L 1333/1066 MHz
	Max Capacity	Up to 8GB
	Socket	2 or 1 x 204-pin SO-DIMMs (depends on SKU)
Display	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
	Display Interface	VGA up to 2560 x 1600 LVDS up to 1920 x 1200
Ethernet	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	-20 ~ 80°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