

IP65 FRONT FLUSH MOUNT (METAL-5MM)



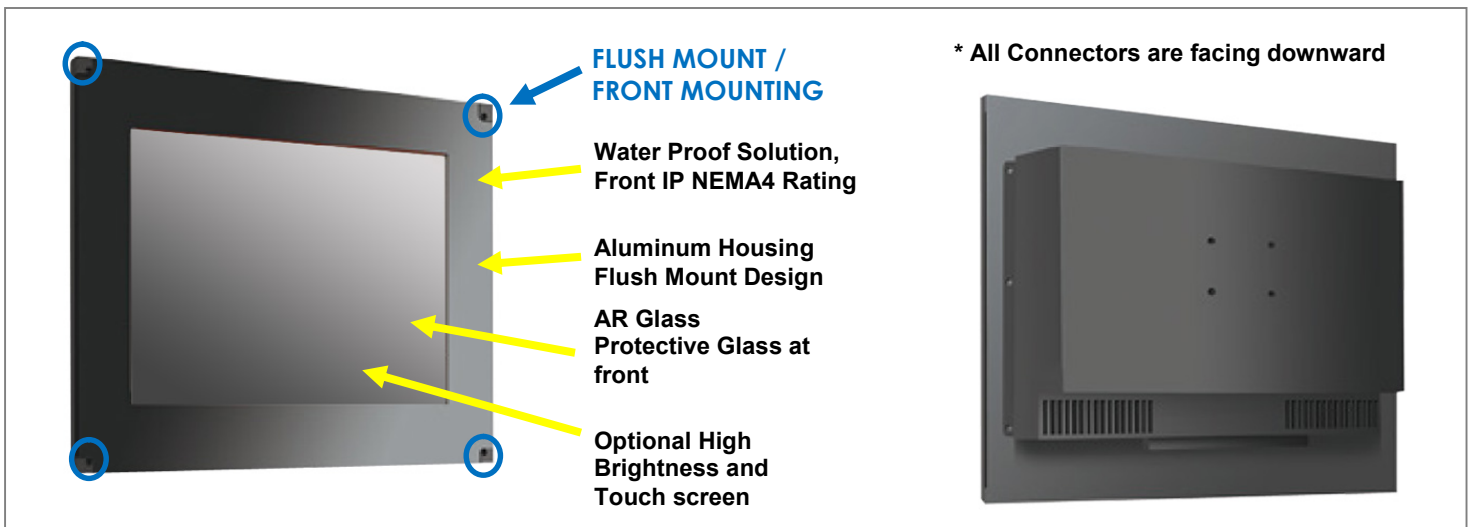
IP65 Front Flush Mount (Metal-5mm), Wide 22" LCD Monitor, 1680 x 1050
250nits, Rear OSD, including rear screw/Clamp/VESA Mount with
Projective Capacitive Touch (USB)
+ *MS-98F5 (J1900) / RAM 4GB (0C~70C) / SSD 256GB (0C ~70C)

MODEL: CFMW2200IP-J-PCAP

FEATURES:

- Modular mechanism design provides flexible product configuration and easy maintenance.
- Optional to built-in touch screen for interactive application.
- Available with auto-brightness sensor offers application in day and night.
- IP65 Compliant
- Able to protect against water jets
- Complete custom design/solution for OEM customers

RUGGED COMPLETELY SEALED IP65/NEMA4 FLUSH MOUNT LCD MONITOR



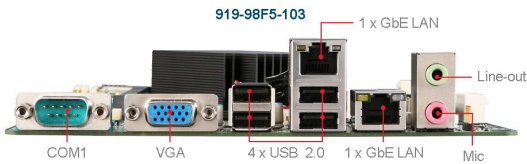
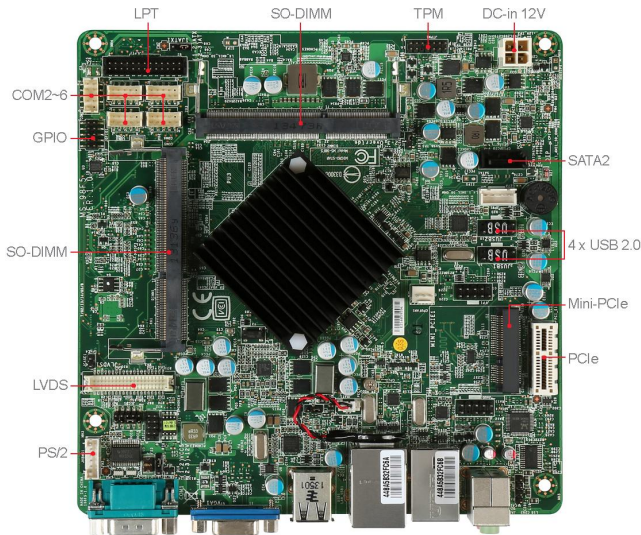
SPECIFICATION:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	Wide / 22" viewable diagonal area	
	Active Area / Pixel Pitch	473.8(H) x 296.1 (V) mm / 0.282(H) x 0.282(V) mm	
	Native Resolution / Colors	1680(H) x 1050(V) / 16.7M	
	Brightness / Contrast	250 cd/m ² (typ) / 1000 : 1	
	Response Time	≤ 5 ms	
	Viewing Angle (typical)	H.170° (- 85° ~ + 85°) , V. 160° (- 80° ~ + 80°)	
	Light Source	LED backlight, Long life, 35,000 hrs (typ)	
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V _{p-p} , 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F _h : 30 - 82Khz , F _v : 50 -75Hz
	Audio System	2W speaker x 2	
Input Terminals	1 x VGA (15 Pin Female D-Sub) , 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug		
Convenient Features	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)		
Power	External AC-to-12VDC power adapter with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz		
Power Consumption	Operation / Power Saving	24.7 watt , < 1 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)	
Storage Condition	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation)	
Certification	FCC , CE		
Dimensions	Physical	Please refer to Drawing	
	Carton	W x H x D = TBD	
Weight	N.W. / G.W.	9 Kgs / 10.5 Kgs	
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

Options	Touch	Video / TV	Enhanced Panel	Others
	Resistive touch	SV + AV	Panel with LED backlight	Digital Signage(Stand alone)
	Capacitive touch	SV + AV + AV Looping	High brightness panel	Networking Digital Signage
	SAW touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Infrared touch		Sunlight Readable	Light Sensor
	Protected glass			Auto-Dimming

MS-98F5 PC SPECIFICATIONS

- 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
Memory	Technology Max.	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
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

MECHANICAL DRAWING:

