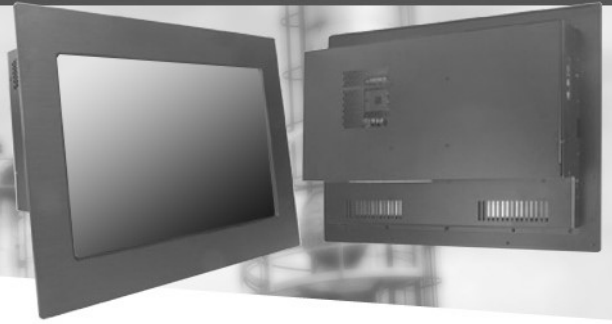


INDUSTRIAL IP65 PANEL PC

17" Industrial Panel 1920x1200, 600nits Panel Mount (with 3mm front bezel) clamp VESA mount Resistive Touch Fan design MS-98F5 (2 x LAN) J1900 (2.0 GHz) quad-core processor / RAM 4GB / SSD 128GB I/O : 12VDC with external 100~240VAC power cord Windows 10 Enterprise 2016 LTSB



MODEL: EMCW1700X-J-V1

FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- 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

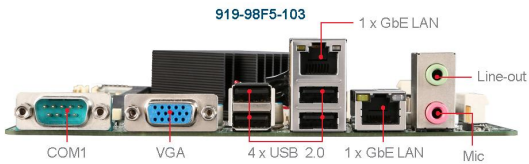
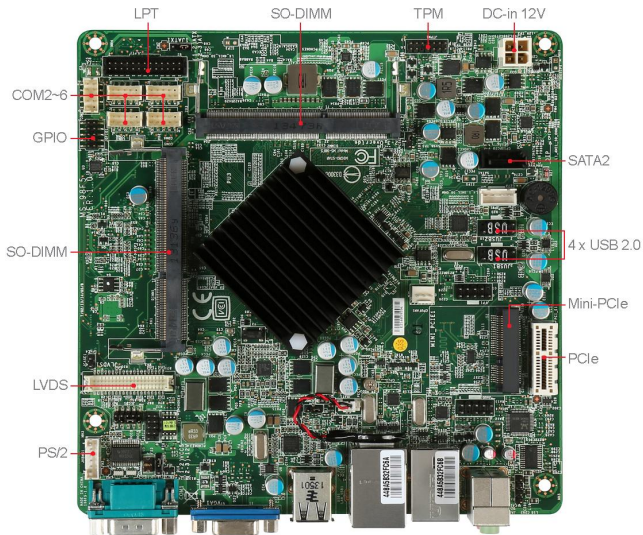
LCD SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	wide / 17" viewable diagonal area
	Active Area / Pixel Pitch	382.0(H) x 244.3(V) mm / 0.191 (H) x 0.191 (V) mm
	Native Resolution / Color	1920(H) x 1200(V) / 262 K
	Brightness / Contrast	600 cd/m ² (typ) / 600 : 1
	Response Time	≤ 16 ms
	Viewing Angle (Typical)	H. 140° (- 70° ~ + 70°) , V. 120°(- 60° ~ + 60°)
	Light Source	LED, Long life, 35,000 hrs (typ)
Power	Power Input	12VDC with external 100~240VAC
	Power Consumption	62 Watt, <1 Watt
Environmental	Operating Temperature	0°C ~ 70°C (32°F ~ 158°F)
	Operating Humidity	0%~95%(non-condensing)

Options	Touch	Enhanced Panel	Other	
	Resistive (With Glass)	High Brightness Panel	Wifi	Networking Digital Signage
	Capacitive	Panel-LED Backlight	3G	Web Cam
	SAW	Wide Temperature	Bluetooth	Motion Sensor
		Wide Viewing Angle	RFID	Auto Light Sensor
	Sunlight Readable		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
Ethernet	Controller	2 or 1 x Realtek® RTL8111G-CG GbE LAN (depends on SKU)
	Controller	Realtek® ALC887 HD Audio Codec
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

MECHANICAL DRAWING:

