Panel Mount LCD

Included Gasket behind front bezel



MODEL: CPMW4300IP-i5-PCT

+ *Win 10 IoT Ent 2019 LTSC MultiLang ESD OEL Entry

VAC 50-60Hz with US Power Cord+ Power on/off Switch

Front Water and dust Proof IP65/NEMA 4 with IP65 Solid Back housing except I/O. Rear OSD Panel Mount Heavy Duty Metal Housing , 43" LCD monitor, 1980 x 1080, 350 nits VGA + DVI + HDMI Input, with Projective Capacitive Touch (1-2mm) USB Controller, Power 100-240

+ MS-98E1 (H110 SKU) / i5-6500 / RAM 4GB (0C~70C) / SSD 128GB (0C ~70C)

FEATURES:

- Modular construction for more flexibility in terms of product configuration as well easy maintenance
- Optional build-in touch screen for interactive application
- Available with auto-brightness sensor offers application in day and night
- VGA connector with optional AV,SV,AV-Looping
- Complete custom design/solution for OEM customers

SPECIFICATIONS:

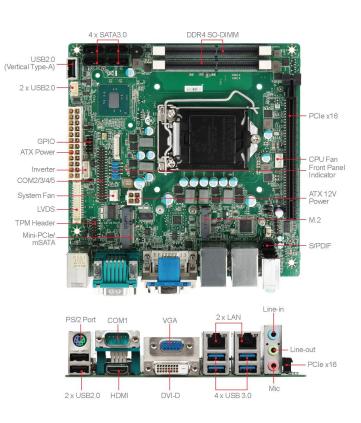
Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating			
	Aspect Ratio / Size	Wide / 43" viewable diagonal area			
	Active Area / Pixel Pitch	940.86(H) x 529.254(V) mm / 0.49 mm x 0.49 mm			
	Native Resolution / Colors	1920(H) x 1080(V) / 16.7M			
	Brightness / Contrast	350 cd/m ² (typ) / 1000 : 1			
	Response Time	< 16ms			
	Viewing Angle (typical)	H.178° (- 890 ~ + 890) , V. 1780(- 890 ~ + 890)			
	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 , 1 x PC Audio (Ste	ereo Headphone Jack) , 1 x DC Power Plug			
Convenient Features	Auto Calibration , Back Lig	ht Adjustment , Plug&Play (VESA DDC/Cl, DDC 2B)			
	OSD Multi-Languages , Wa	II Mount Ready (VESA Dimension - please refer to Drawing)			
Power	Internal power supply with	universal / Auto-Sensing, AC90 to 260V, 50/60 Hz			
Power Consumption	Operation / Power Saving	141.25 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	$W \times H \times D = TBD$			
Weight	N.W. / G.W.	30.5 Kgs / 32.5 Kgs			
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)			

OPTIONS:

- Touch: Resistive touch, Capacitive, SAW, Infrared, and Protected glass
- Video/TV: Video/TV, SV + AV, SV + AV + AV_Looping, SV + AV + TV
- Enhanced Panel: Panel with LED backlight, High brightness panel, Wide Temperature, Sunlight Readable
- Others optional features: Digital Signage (Standalone), Networking Digital Signage, Motion Sensor, Light Sensor, Auto-Dimming

PC SPECS

Processor CPU H110 SKU ZM	J) 10 10 2400MHz	im [®] /Celeron 55W ends on C on CPU) Intel® H Express Dual-ch (non-EC 2133MH	7th/6th Gen Intel® De: Core™ i7/i5/i3/ Pent Series Processor, Max 2.3GHz~4.0GHz (De 2M ~ 8M (Depends Socket (LGA 1151) Intel® C236 Express AMI Dual-channel DDR4	Frequency CPU Type	Processor			
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	V	35, UV/5V/1 0V/5V/12V	COM1: RS-232/422/4 COM2/3/4/5: RS-232		I/O Interface			
		00/30/120		Derellal				
PS/2 1			-					
GPIO 8-bits (4 x GPI, 4 x GPO), 5V		·U), 5V						
Expansion PCIe x 16 1		1		PCle x 16				
Slot 1 x M key N/A (PCle x4, SATA3.0		N/A		142	Slot			
M2 (PCIe x4, SATA3.0 ,2242)				1412				
M.2 Mini-PCIe 1 x Full-size, mSATA		1	. ,	M.2 Mini-PCle				
Storage SATA 4 x SATA 3.0 3 x SATA 3.0	0	3 x SATA			Storage			
•					0.01090			
		1 (shared w/ Mini-PCIe)			Dowor Coursel			
				-	rower supply			
ATX ATX-Power 24P, 12V-4P			,					
			U ~ 60°C		Environment			
Temperature				Iemperature				
Operating Humidity 10 ~ 90%, non-condensing				Operating Humidity				
Storage Temperature -20 ~ 80°C		ensing	10 ~ 90%, non-cond					
Storage Humidity 10 ~ 90%, non-condensing		ensing		Storage Temperature				
Form Factor Dimension 170mm x 170mm (Mini-ITX)		0	-20 ~ 80°C					
		ensing	-20 ~ 80°C 10 ~ 90%, non-cond	Storage Humidity	Form Factor			
		ensing	-20 ~ 80°C 10 ~ 90%, non-cond 170mm x 170mm (N	Storage Humidity Dimension	Form Factor			
		ensing ni-ITX)	-20 ~ 80°C 10 ~ 90%, non-cond 170mm x 170mm (M 0.37 kg	Storage Humidity Dimension Weight				
Windows 7 (32/64-bit)		ensing ni-ITX) I, BSMI	-20 ~ 80°C 10 ~ 90%, non-conc 170mm x 170mm (N 0.37 kg FCC, CE, RCM, VCC	Storage Humidity Dimension Weight EMC	Certification			
Software OS Support Windows 7 (32/64-bit) Windows 8.1 (64-bit)		ensing ni-ITX) I, BSMI	-20 ~ 80°C 10 ~ 90%, non-conc 170mm x 170mm (N 0.37 kg FCC, CE, RCM, VCC Windows 7 (32/64-bi Windows 8.1 (64-bit	Storage Humidity Dimension Weight EMC	Certification Software			
Windows 10 (64-bit)		ensing ni-ITX) I, BSMI	-20 ~ 80°C 10 ~ 90%, non-cond 170mm x 170mm (N 0.37 kg FCC, CE, RCM, VCC Windows 7 (32/64-b Windows 8.1 (64-bit) Windows 10 (64-bit)	Storage Humidity Dimension Weight EMC	Certification Software			
Software Platform OS Support Windows 7 (32/64-bit) Windows 8.1 (64-bit) Windows 10 (64-bit) Linux Kernel 4.X, support Fedora 23(64Bit) & Ubuntu 16.04 (64Bit) of Kaby Lake-S &		ensing ni-ITX) I, BSMI -) rf Fedora 23	-20 ~ 80°C 10 ~ 90%, non-conc 170mm x 170mm (M 0.37 kg FCC, CE, RCM, VCC Windows 7 (32/64-b Windows 8.1 (64-bit Windows 10 (64-bit) Linux Kernel 4.X, supp	Storage Humidity Dimension Weight EMC	Certification Software			



• 3 independent displays with multiple video outputs (LVDS, HDMI, DVI-D, VGA)

• Supports DirectX 11.1 and Intel® Clear Video Technology (up to 1080P)

- 4 SATA 3.0 ports for RAID
- Supports m-SATA function by Mini-PCIe slot
- Plenty USB ports for more peripherals(USB3.0*4, USB2.0*4, vertical Type USB2.0*1)

• 2 independent displays with multiple video outputs

LVDS, HDMI, DVI-D, VGA)

• Supports DirectX 11.1 and Intel® Clear Video Technology (up to 1080P)

• 3 SATA 3.0 ports for faster and high-capacity storage

Supports m-SATA function by Mini-PCIe slot

• Plenty USB ports for more peripherals(USB3.0*4, USB2.0*4, vertical Type USB2.0*1)

LCD OPTIONS:



LED Backlight Options

Introducing LED backlight options for monitors for energy efficiency and a brighter screen.

TouchScreen Options

Our LCD has a wide selection option to choose which touchscreen.technology suits for you.

	Four-Wire Resistive	Five-Wire Resistive	Pen Touch	Capacitive	Surface Wave(Saw)	Infrared Touch (Ir)
PRODUCT SIZE	1.7" - 24"	10.4" - 24"	15" – 19"	12" - 24"	10.4" - 30"	10.4" - 42"
TOUCH LIFE	1 – 2 million touches	30 – 35million touches	100 million touches	100 million touches	50 million touches	Long-term reliability
SCRATCH RESISTANCE	Hard Coated	Hard Coated	Hard Coated (SiO²)	Hard Coated (SiO²)	Glass Overlay Moh's hardness rating of 7	Glass Overlay Moh's hardness rating of 7
CONTAMINANT RESISTANCE	dirt, vinegar, ammonia based food products and	dirt, vinegar,	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers	Resists moisture, dirt, vinegar, ammonia based food products and cleansers
	Hand, Stylus	Finger, Gloved Hand, Stylus USB, RS232	Stylus Pen	Finger	Finger, Gloved Hand, Soft pliable stylus USB, RS232	Finger, Gloved Hand, Stylus USB. R\$232



VIDEO Input Options:

For Video inputs options:

DVI, DVI+HDMI, SVideo+AV, SVideo+AV+DVI, AV+Looping, DVI+AV+Looping, HD-SDI, BNC(PAL/NTSC)



Optical Bonding Options

- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
 - Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.



RS-232 Remote Control Options

Remote Control Protocol: Command Code to set system



9-36V DC Input Options

iTech offers a selection of DC input from 9V to $36\mathrm{V}$



Light Sensor and Motion Sensor Options iTech LCD offers Light and Motion Sensor

Privacy Filter

Front Glass Options:

- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm

