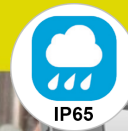


IP65 FRONT PANEL PC (Metal-5mm)



IP65 Front Panel PC (Metal-3mm), Wide 21.5" LCD monitor, 1920 x 1080, 250nits, Rear OSD, including rear screw/Clamp/VESA Mount with 5 Wired Resistive Touch Screen + MS-98E1 (H110 SKU) / i5-6500 / RAM 16GB (0C~70C) / SSD 256GB (0C~70C)

- +Win10 IoT Ent LTSB 2016 MultiLang OEI Entry (ESD)
- +Cutout Dimensions - Width 19" x Height 16"
- +AC Built in 90-240V AC Power input with US Power Cord

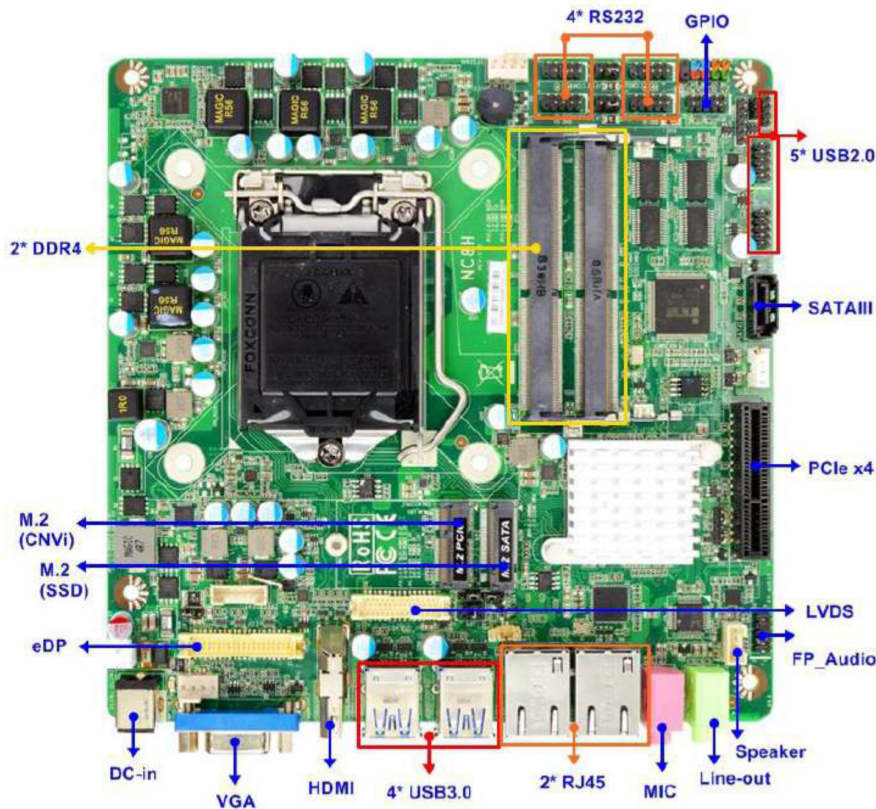
MODEL: CPMW2150-i5-TR-AE03

LCD SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	Wide / 21.5" viewable diagonal area
	Active Area / Pixel Pitch	476.64(H) x 268.11(V) mm / 0.248(H) x 0.248(V) mm
	Native Resolution / Colors	1920(H) x 1080(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)
Power	Power Input	12V DC input with adapter
	Power Consumption	36.25 Watt, <1 Watt
Operating Condition	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)
Dimensions	Physical	Please refer to Drawing
	Carton	W x H x D = TBD

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

INTERNAL DIAGRAM:



PC SPECIFICATIONS:

- Intel LGA1151 Socket Core 13,15,17 Pentium Processor (Max 65W)
- Intel Coffee Lake-S H310 Chip
- Support Single Channel DDR4 2133MHz, up to 32GB
- Realtek ALC662VD Audio
- 1* Intel 1219-V + 1* Intel i211AT GbE
- 1* SATA 1 (6Gb/s) & M.2 (M key 2242)
- HDMI/VGA/EDP (CO-lay LVDS) Output
- 4* RS232 (COM1/2 Support 5V/12VTTL), 4* External USB3.0, 5*Internal USB2.0
- 1* PCIe x4 Slot, 1* M.2 E key Support CNVi
- DC 12~24V Input
- Thin MINI ITX Form Factor (170 *170 mm)

Form Factor	
Dimensions	- Thin Mini ITX (170 * 170mm)
Processor System	
CPU	- Intel LGA1151 Series Processor (Max. 65W)
Core Number	- by CPU
Max Speed	- by CPU
L2 Cache	- by CPU
Chipset	-H310
BIOS	-AMI 128M Flash ROM
Expansion Slot	
M.2	-1 (E key 2230,Support CNVi) -1 (M Key 2242)
SATA	-1
PCI-e	-1 * PCI-E x4 slot
Memory	
Technology	- Single channel DDR4 2133MHz DRAM
Max.	-32GB
Socket	-2*SO-DIMM
Graphics	
Controller	- Intel HD Graphics
VRAM	- Shared Memory
VGA	-1 (Max. Resolution: 1920x1200@60Hz)
LVDS	-1 (Co-lay eDP, Max. Resolution: 1920x1080@60Hz)
eDP1.3	-1 (Co-lay LVDS, Max. Resolution: 4096x2304@60Hz)
HDMI 1.4	-1 (Max Resolution : 4096x2160@30Hz)
Multi Display	- Dual Display
Ethernet	
Ethernet	-10/100/1000 Mbps
Controller	- Intel 1219-V + i211AT Gigabit LAN
Connector	- 2* RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662VD
Channel	- Line-Out, MIC
SATA	
Max Data Transfer Rate	-1* SATA 1 (6.0Gb/s)

Rear I/O	
VGA	-1
HDMI	-1
Ethernet	-2
USB	-4* USB 3.0
Audio	-1 (Line-out, MIC)
DC-input	-1
Internal Connector	
USB	-5 (USB 2.0)
PS/2	-1
LVDS / inverter	-1 (Co-lay eDP)
eDP	-1
Serial	- 4 (COM1/2 Support 5V/12V TTL)
SATA	-1* SATA 1 (6.0Gb/s)
M.2	- 2 (M key + E key)
GPIO	-1 (8 bit)
Chassis intrusion	-1
Audio Header	-1
SMBUS/I2C	-1
AT mode	-1
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
Power Requirements	
Input PWR	-12 ~ 24V DC-in
Power On	AT/ATX Supported -AT : Directly PWR on as Power input ready -ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	- CE, FCC, RoHS, REACH
Environment	
Temperature	- Operating: 0°C~60°C
	- Storage: -20°C~85°C
Warranty	
Warranty	- 2 Years Limited Warranty
Packing	-Net Weight: -Gross Weight: -Color Box dimension: 362*290.5*65mm

MECHANICAL DRAWING:

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

