FULL IP65 PCAP PANEL PC

10.1" 1280x800 Full IP65 Fanless Panel PC with ARM A53 Quad Core 2.0GHz & PCAP Touch, Ultralow Power Consumption

Model: WMPCW1010-A-PCAP

CE FC

FEATURES:

- **10.1" 1280 x 800 with PCAP touchscreen**
- **ARM A53 Quad Core 2.0GHz**
- **Fanless cooling system and Ultralow power consumption**
- **Full IP65**
- **Onboard 32GB eMMC**
- **Onboard LPDDR4 4GB**
- **1 x LAN, 1 x RS232, 1 x USB, 1 x Micro USB, 1 x Micro SD**
- **Support Android or Linux operating system**

SPECIFICATIONS

DISPLAY			
Resolution	1280x800	**Size**	10.1 inches
Contrast Ratio	800:1	**Panel Brightness**	350 nits
View Angles	85,85,85,85	**Active Area**	216.96 x135.6 mm
Touch / Glass	Projected Capacitive Multi Touch Screen Protection Glass (Optional)		
SYSTEM SPECIFICATION			
Processor	ARM A53 Quad Core 2.0GHz	**Memory**	4GB LPDDR4
Storage	32GB eMMC	**Operating System**	Android 11 (Upgradeable to Android 13) Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu (in 2023) (Optional)
ENVIRONMENT			
Operating Humidity	10% to 95% RH	**Operating Temperature**	-15°C~55°C
Storage Temperature	-30°C~60°C	**Shock**	40g for 11ms
Vibration	1.48/1.90/2.24 g rms for XYZ/ 5-500Hz	**IP rating**	Full IP65
CERTIFICATION			
Certification	CE, FCC		
IO PORTS			
USB Port	1 X USB 2.0 (M12 type) 1 X Micro USB	**Serial Port**	1 x RS232 (M12 type)(Optional 422/485)
SD Card Slot	1 x Micro SD card slot (Max to 32GB)	**Audio**	1 x Speaker
LAN	1 x LAN 10/100/1000 Mbps (M12 type)		
MECHANICAL			
Dimension	263.28 x 172 x 40.2 mm	**Mounting**	Panel Mount VESA Mount
Enclosure	Aluminum	**Cooling System**	Fanless Design
POWER			
Power Rating	12V DC (M12 type)		

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

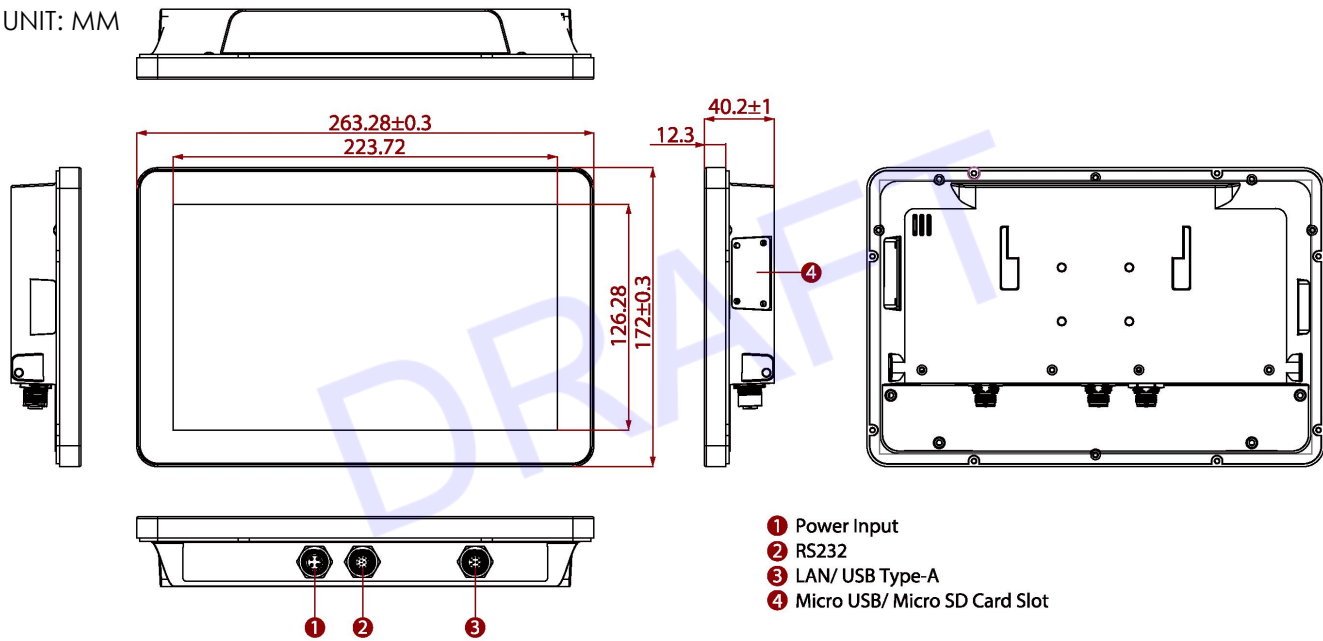| ACCESSORIES	
Accessories	Quick Start Guide (Hardcopy) M12 Power Cable M12 Serial Interface Cable M12 USB/ LAN Cable I/O Protective Cap x 3

MECHANICAL DRAWINGS

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

UNIT: MM

263.28±0.3
223.72
126.28
172±0.3
40.2±1
12.3

❶ Power Input
❷ RS232
❸ LAN/ USB Type-A
❹ Micro USB/ Micro SD Card Slot

Drawing No.: WMPCW1010-A-PCAP-01312023-V1