

# FRONT IP65 PCAP PANEL PC

19" 250nits 1280x1024 Front IP65 Panel PC  
with Intel Pentium N4200, P-CAP Touch  
- DDR3: 8 GB  
- Storage: 128 GB  
- OS: W10 IoT



**Model: WMPC1900-N42-PCAP**

## FEATURES:

- 19" 1280 x 1024 with P-CAP touchscreen
- Intel® Pentium® N4200 Apollo Lake Processor
- Fanless cooling system and ultra low power consumption
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design

## SPECIFICATIONS

DISPLAY			
Resolution	1280x1024	Size	19 inches
Contrast Ratio	1000:1	Panel Brightness	250 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
SYSTEM SPECIFICATION			
Processor	Intel® Pentium® N4200 (2M Cache, up to 2.5 GHz)	Memory	1 x SODIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x M.2 BKey 2242 SSD 64GB M.2 BKey 2242 SSD up to 512GB (Optional)	Ethernet controller	2 x Intel® 2.5Gbps Ethernet Controller
WLAN	Support (Optional)	Operating System	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Security	TPM 2.0	BT	Support (Optional)
ENVIRONMENT			
Operating Humidity	10% to 90% (NonCondensing)	Operating Temperature	0~50°C
Storage Temperature	-20°C~60°C	Shock	MILSTD810G Method 516.6
Vibration	MILSTD810G Method 514.6	IP rating	Front IP65
CERTIFICATION			
Certification	CE, FCC		
IO PORTS			
USB Port	2 x USB 3.0	Serial Port	1 x RS232/422/485
LAN	1 x RJ45/100/1000 Mbps, 1 x RJ45		
MECHANICAL			
Dimension	445 x 370 x 51 mm	Mounting	VESA Mount (100x100mm), Panel Mount
Enclosure	Metal Housing with Plastic Bezel	Cooling System	Fanless Design
POWER			
Power Rating	12V DC with Terminal Block		
CONTROL			
Button	1 x Power Button 1 x Reset Button		

## ACCESSORIES

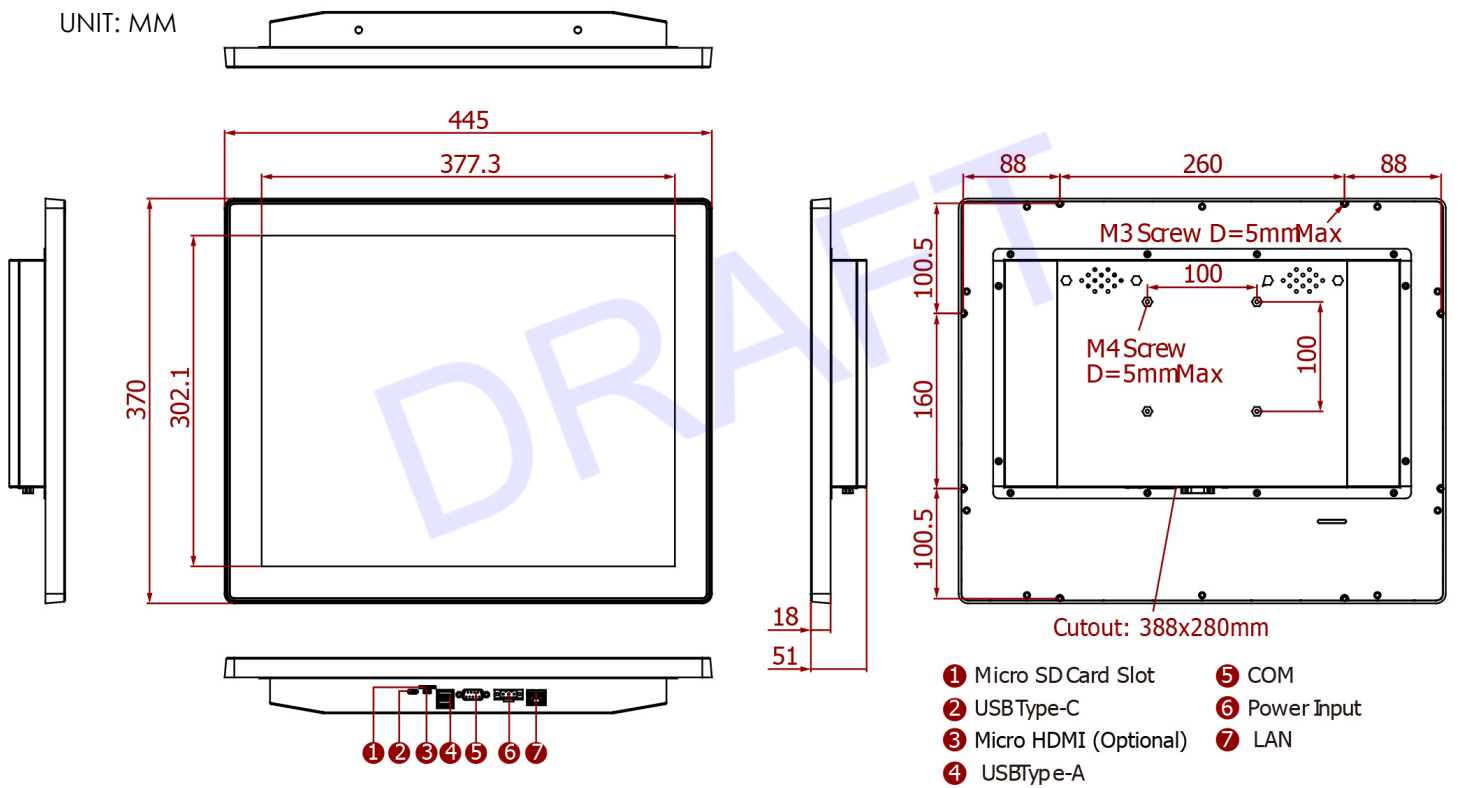
Accessories	Quick Start Guide (Hardcopy) Driver CD & User Manual AC Adapter 12V/50W Power Cord 3 Pin Terminal Block to DC Jack
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*\*Specifications subject to change without notice, not responsible for typographical errors.*



## MECHANICAL DRAWINGS

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



Drawing No.: WMPC1900-N42-PCAP-09262023-V1