

# R12IP3S-PCM2-POE

## 12.1" Intel® Pentium® N4200 S Series HMI Panel PC



### KEY FEATURES

- 12.1" 1024 x 768 Resolution with Projected Capacitive MultiTouch (PCAP)
- Fanless cooling system and ultralow power consumption
- Support PoE function
- Optional 2MP Front Camera
- Optional HF RFID Reader
- Stylish design for room booking, access control, and room information applications
- Front IP65 Water and Dust Proof



### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x768	<b>Size</b>	12.1 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	500.0 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	245.76x184.32 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		
System Specification			
<b>Processor</b>	Intel Pentium N4200 1.1GHz (up to 2.5GHz)	<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Storage</b>	1 x M.2 B-Key 2242 SSD 128GB M.2 B-Key 2242 SSD up to 512GB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>RFID</b>	HF RFID Reader 13.56 MHz (Optional)		
Mechanical			
<b>Dimension</b>	296 x 227 x 46 mm	<b>Mounting</b>	Panel mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
<b>Cut out</b>	282x207mm		
Environment			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-10°C to 60°C	<b>IP rating</b>	Front IP65
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>Power Input</b>	1 x 12V DC, 3-Pin Terminal Block	<b>USB Port</b>	2 x USB3.2 Gen1x1 (Type-A)
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)	<b>Video</b>	1 x Micro HDMI (Optional)
<b>Audio</b>	1 x Speaker	<b>Expansion Port</b>	2 x M.2 slot(1 for WiFi, 1 for SSD)
<b>LAN</b>	2 x Giga LAN RJ45 Connector, One with PoE(PD,		

802.3bt, 40W)(Optional)

## Accessory

**Accessory** 100~240V AC to DC Adapter  
Power Cord  
Terminal Block to 2.5Ø Female Adapter Cable  
Open Wire Cable with terminal block connector  
VESAscrews

**Optional Accessory** VESA Wall Mount (Optional)  
VESA Desk Stand (Optional)  
Glass Wall Mount Kit (Optional)  
Front Side Wall Mount (Optional)  
VESA bracket mounting kit (Optional)

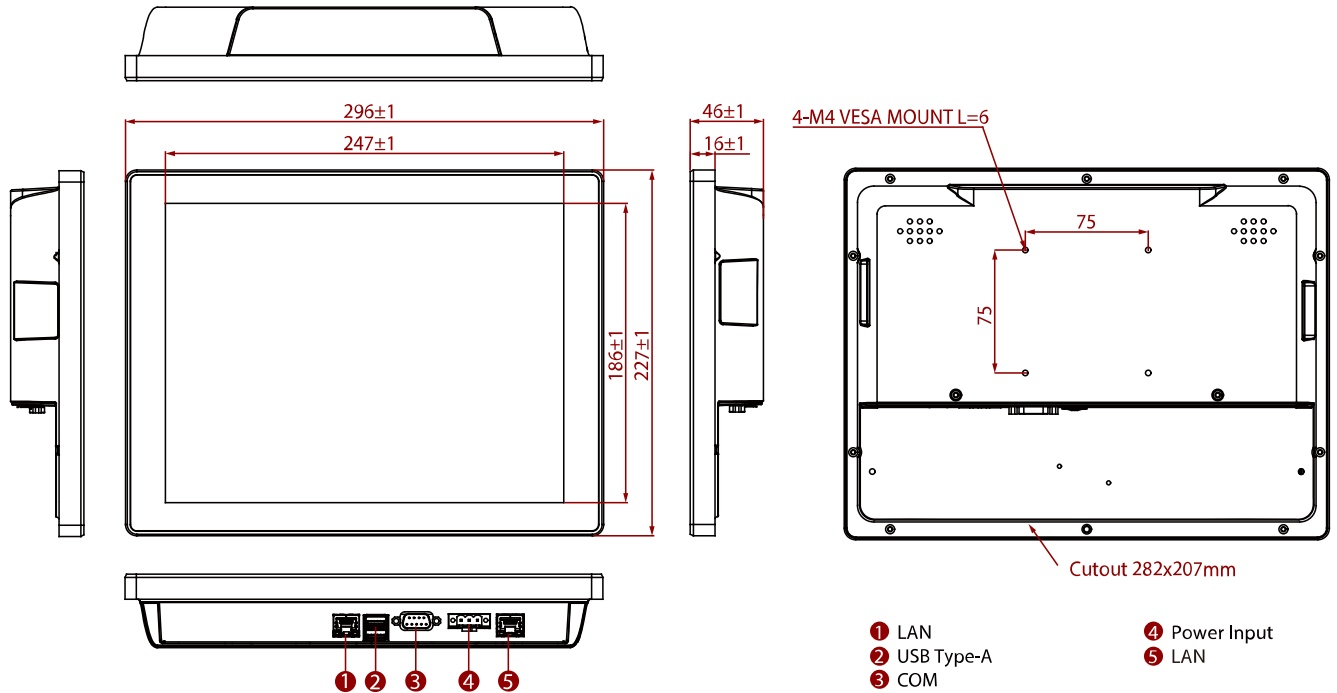
## Power

**Power Rating** 12V DC  
10~60V (Optional)

**Adapter** 12V 50W

**POE** PoE (PD): follows IEEE 802.3at (25 W)

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.
3. All specifications are subject to change without prior notice.