

# R19IT3S-PPM1

## 19" Intel® Core™ i5-1135G7 PP Series HMI Panel PC



### KEY FEATURES

- 19", 1280 x 1024 resolution with PCAP touchscreen
- Intel® Core™ i5-1135G7 2.4 GHz (turbo to 4.2GHz)
- Fanless cooling system and ultra-low power
- Front IP65 Water and Dust Proof
- Aluminum housing and fanless design
- Room booking schedule, Access Control, Room Information Display

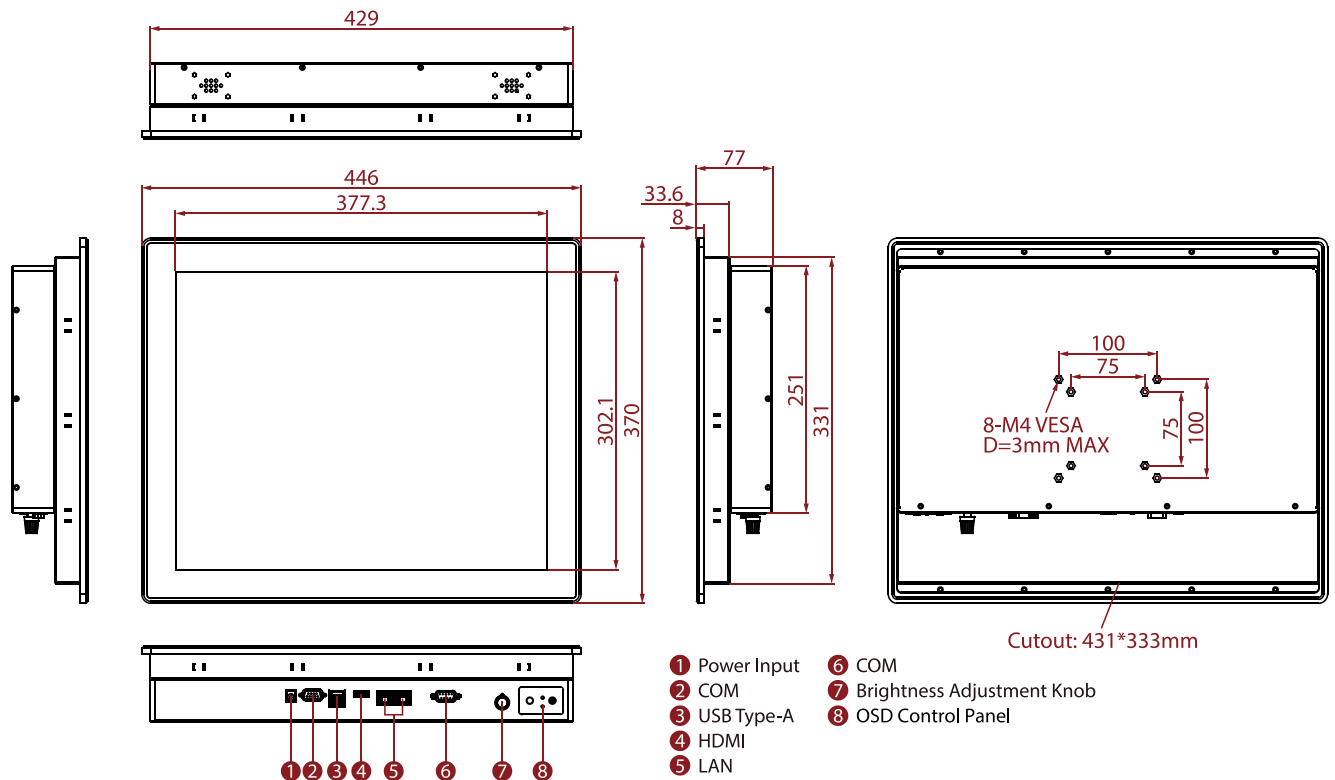


### SPECIFICATIONS

Display			
<b>Resolution</b>	1280x1024	<b>Size</b>	19.0 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	250.0 nits
<b>View Angles</b>	85,85,80,80	<b>Active Area</b>	376.32x301.06 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen		
System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 M-Key 2242 SATA SSD or 1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB(for NVMe) (Optional) 2TB(for NVMe) (Optional) 4TB(for NVMe) (Optional) 1 x SATA III , up to 2TB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical			
<b>Dimension</b>	446 x 370 x 77 mm	<b>Mounting</b>	Panel mount VESA Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
<b>Cut out</b>	431 x 333 mm		
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, 2.5φ DC jack	<b>USB Port</b>	2 x USB3.2 Gen2x1 (Type-A)
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232	<b>Video</b>	1 x HDMI 2.0 (Optional)
<b>Audio</b>	2 x Speaker	<b>Expansion Port</b>	1 x M.2 2242/2280 Key M slot for SATA/NVMe SSD 1 x M.2 2230 Key E slot for WiFi (Optional)
<b>LAN</b>	2 x Giga LAN RJ45 Connector	<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage
<b>Brightness Knob</b>	1 x Brightness Adjustment Knob		
Control			
<b>Button</b>	1 x Power Button 1 x Reset Button		
Accessory			
<b>Accessory</b>	100~240V AC to DC Adapter Power Cord VESA screws Mounting clips		
Power			
<b>Power Rating</b>	12V DC	<b>Adapter</b>	12V 120W

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. 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.