

# R19IT3S-IPA1

## 19" Intel® Core™ i5-1135G7 Front IP65 Panel PC



### KEY FEATURES

- 19" TFT XGA LCD
- Intel® Core™ i5-1135G7 2.4 GHz (turbo to 4.2GHz) Processor
- Fanless cooling system and ultra-low power
- Front IP65
- 1 x SO-DIMM, DDR4 3200 MHz (Max. 32GB)
- Integrated Dual Gigabit Ethernet
- 1 x M.2 Key M Slot for M.2 2242 SATA III SSD Optional M.2 2280 NVME SSD

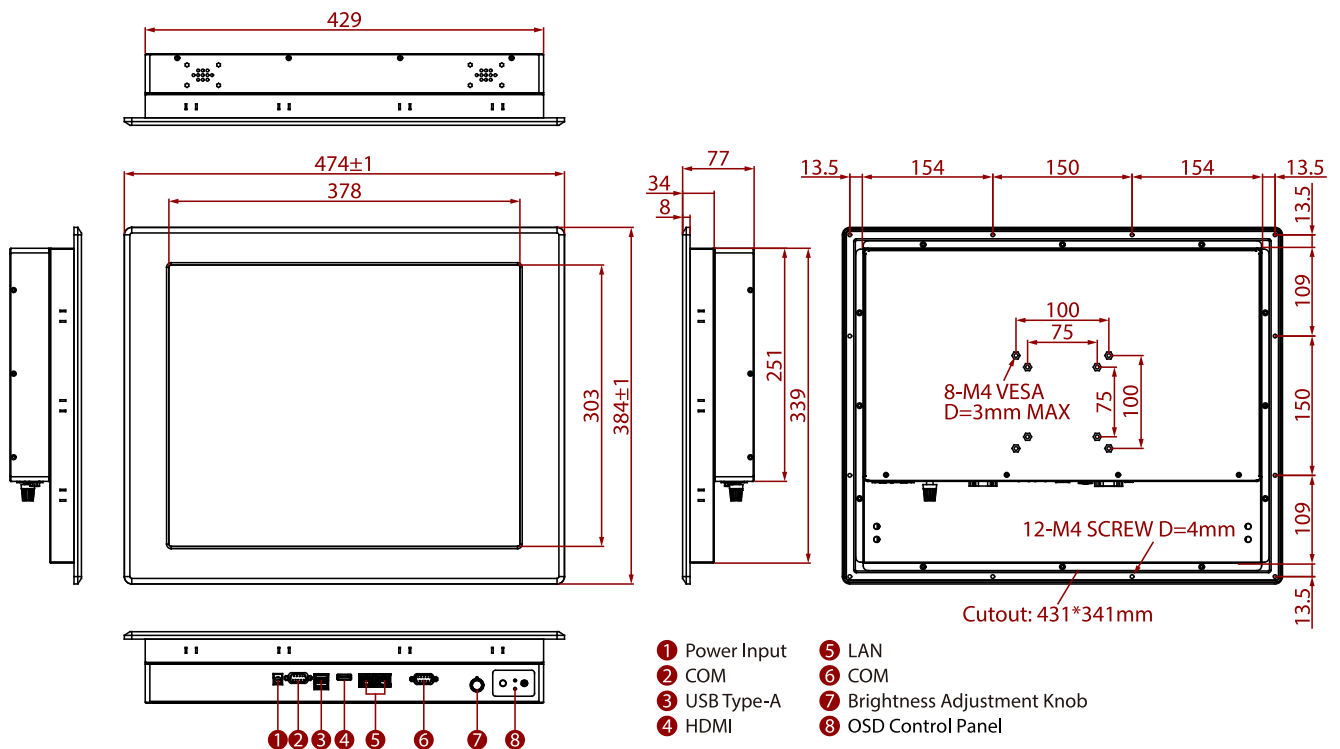


### SPECIFICATIONS

Display	
<b>Resolution</b>	1280x1024
<b>Contrast Ratio</b>	1000:1
<b>View Angles</b>	85, 85, 80, 80
<b>Touch / Glass</b>	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)
<b>Size</b>	19 inches
<b>Panel Brightness</b>	400 nits
<b>Active Area</b>	376.32x301.06 mm
System Specification	
<b>WLAN</b>	Support (Optional)
<b>Processor</b>	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz) Intel Core i5-1145G7 2.6GHz (up to 4.4GHz) (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>Security</b>	TPM 2.0
<b>BT</b>	Support (Optional)
<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Operating System</b>	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical	
<b>Dimension</b>	474 x 384 x 77 mm
<b>Enclosure</b>	Metal Housing
<b>Cut out</b>	431 x 341 mm
<b>Mounting</b>	Open Frame Panel Mount VESA Mount
<b>Cooling System</b>	Fanless design
Environment	
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing
<b>Storage Temperature</b>	-10°C to 60°C
<b>Operating Temperature</b>	0°C to 50°C
<b>IP rating</b>	Front IP65
Certification	

<b>Certification</b>	CE, FCC		
<b>IO Ports</b>			
<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		
<b>Control</b>			
<b>Button</b>	1 x Power Button 1 x Reset Button		
<b>Accessory</b>			
<b>Accessory</b>	100~240V AC to DC Adapter Power Cord VESA screws Mounting clips		
<b>Power</b>			
<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.