

# R19IAD3S-67FTP(HB)

19" Intel® Core™ i5-1235U G-WIN Full IP67 P-CAP Panel PC



## KEY FEATURES

- 12th Gen Intel® Core™ i5-1235U processor
- 19-inch sunlight viewable 400 nits LCD panel (Optional for 1000 nits High Brightness)
- Optical Bonding with Panel & Touch Screen to increase the clarity and transparency
- Touch screen control button to enable/disable touch screen interface
- Front control membrane keys Lockable by software
- Dust/ Water proof design Full IP67 Panel PC
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Rugged Front Anti-Impact Design
- -10 to 55°C wide operating temperature
- Wide Range 9 to 36V DC Input with isolation. Optional for Ignition On/Off delay



## SPECIFICATIONS

### System Specification

<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional)	<b>Ethernet controller</b>	1 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)

### Display

<b>Resolution</b>	1280x1024	<b>Size</b>	19.0 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	400 nits 1000 nits(Optional)
<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 Bonding With Panel	<b>Optional function</b>	High brightness Panel for sunlight readable (Optional)

### Mechanical

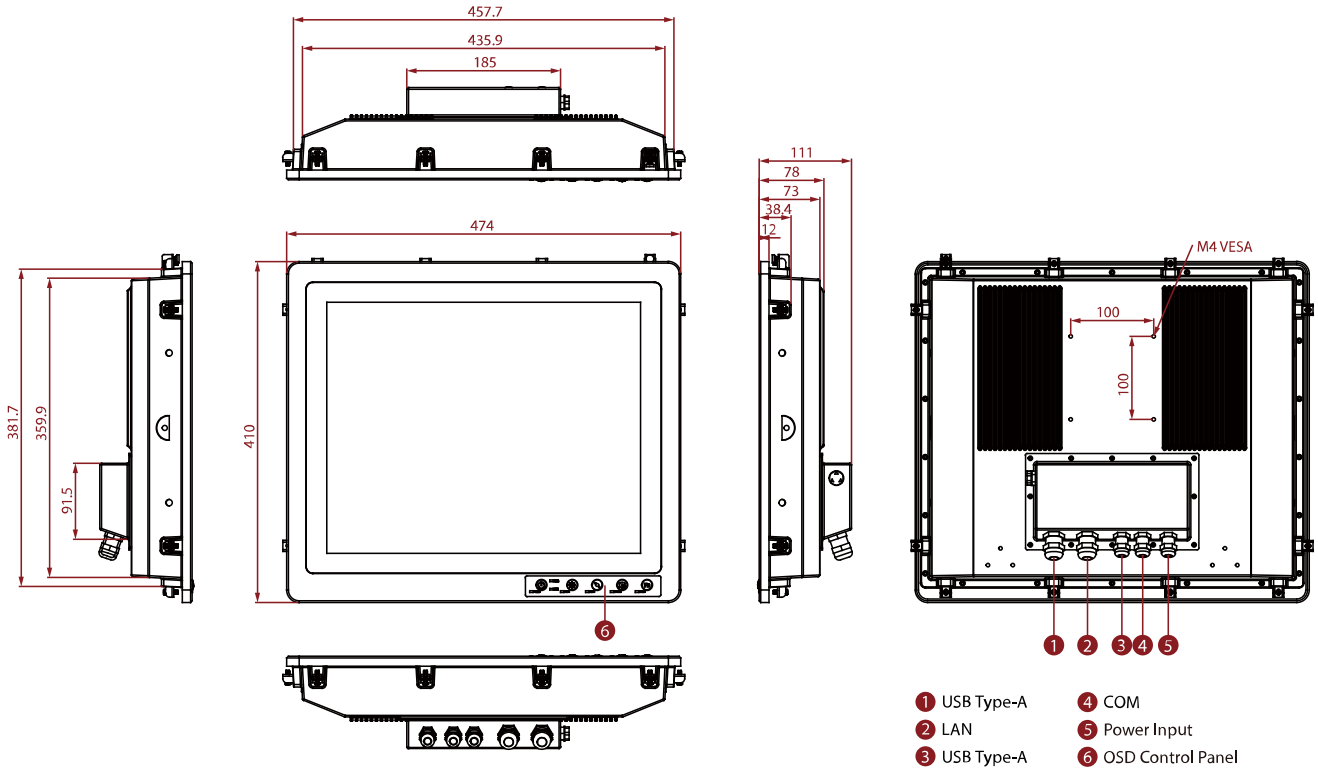
<b>Dimension</b>	474 x 410 x 111 mm	<b>Weight</b>	9.8 kg
<b>Mounting</b>	Panel mount VESA Mount	<b>Enclosure</b>	Aluminum Housing
<b>Cooling System</b>	Fanless design	<b>Cut out</b>	462 x 386 mm

### Environment

<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	-10°C to 55°C -40°C to 70°C (with intelligent heater)
<b>Storage Temperature</b>	-30°C to 70°C	<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I

<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I	<b>IP rating</b>	IP67
<b>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>IO Ports</b>			
<b>Power Input</b>	1 x M12 waterproof connector for 9~36V DC	<b>USB Port</b>	1 x M12 waterproof connector for 2 x USB2.0 1 x Waterproof USB Type-A Connector with cover
<b>Serial Port</b>	1 x M12 waterproof connector for RS232	<b>LAN</b>	1 x waterproof Giga LAN RJ45 connector
<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage 1 x LED Indicator for heater 1 x LED Indicator for LAN 1 x LED Indicator for lock touch		
<b>Control</b>			
<b>Button</b>	1 x Power Button 1 x Brightness up Button 1 x Brightness down Button 1 x Button for locking touch function 1 x Programmable function key		
<b>Accessory</b>			
<b>Accessory</b>	External open wire Power cable with waterproof connector External USB cable with waterproof connector External COM cable with waterproof connector External LAN cable with waterproof connector Waterproof caps RJ45 female-female converter Mounting clips VESA screws	<b>Optional Accessory</b>	100~240V AC to DC 150W Adapter with power cord (Optional)

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Weight of the device varies by configuration.
3. Please contact our sales representative if you need further product information.
4. All specifications are subject to change without prior notice.
5. 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.