

# R12IK3S-GCM2(HB)

## 12.1" Intel® Core™ i5-7200U Standalone Panel PC HMI



### KEY FEATURES

- 12.1" 1024 x 768 with P-CAP touchscreen
- High computing performance with 7th Generation(kaby Lake) Intel® Core™ i5-7200U 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
- Plenty of I/O, including 2 x LAN, 1 x COM, 2 x USB 3.0, 1 x HDMI

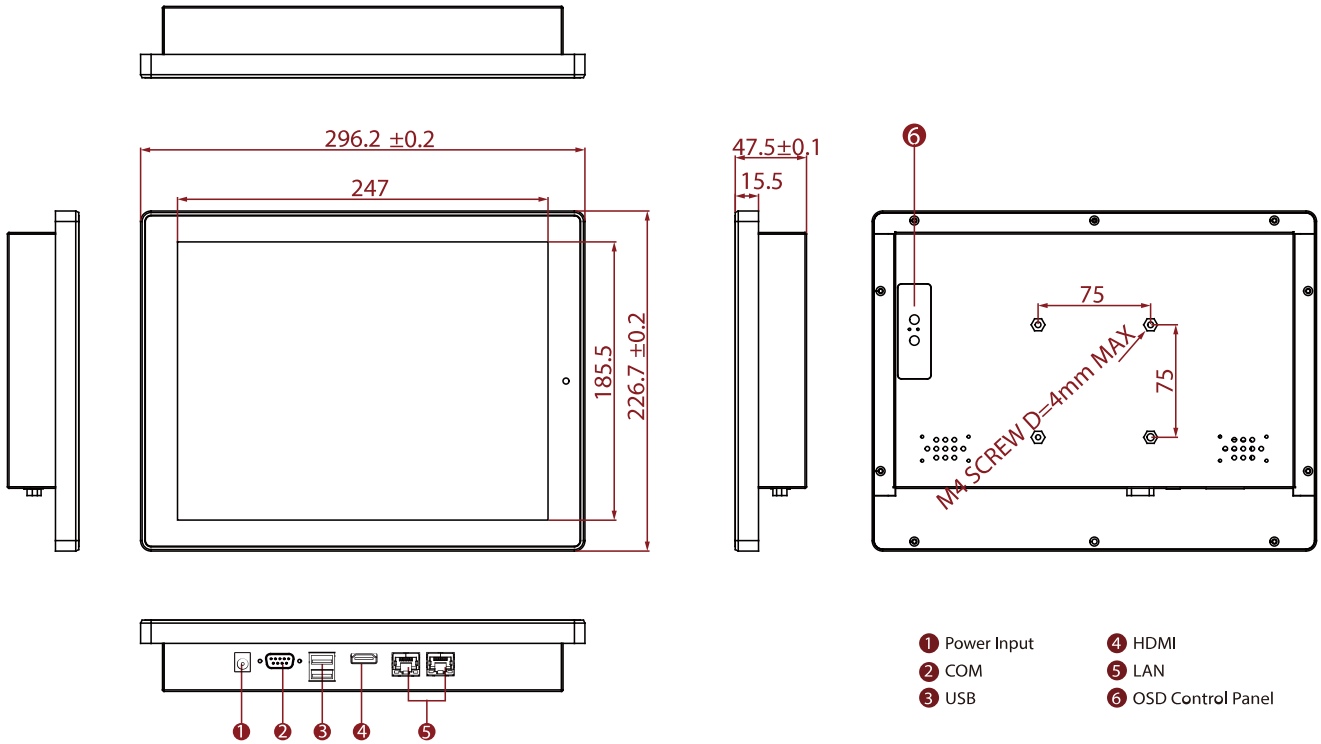


### SPECIFICATIONS

Display			
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen	<b>Resolution</b>	1024x768
<b>Size</b>	12.1 inches	<b>Contrast Ratio</b>	700:1
<b>Panel Brightness</b>	500 nits 1000 nits(Optional)	<b>View Angles</b>	89,89,89,89
System Specification			
<b>Processor</b>	Intel® Core™ i5-7200U (3M Cache, up to 3.10 GHz) Intel® Core™ i5-7300U (3M Cache, up to 3.50 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 2133 MHz, 4GB 8GB (Optional) 16GB (Optional)
<b>Storage</b>	1 x M.2 2242 SSD 64GB M.2 2242 SSD up to 512GB (Optional)	<b>Ethernet controller</b>	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
<b>WLAN</b>	802.11 a/b/g/n/ac (Optional)	<b>BT</b>	BT Support (Optional)
Environment			
<b>Operating Humidity</b>	10% to 90% (Non-Condensing)	<b>Operating Temperature</b>	0~50°C
<b>Shock</b>	40g for 11ms	<b>Vibration</b>	1.48/1.90/2.24 g rms for XYZ/ 5-500Hz
<b>IP rating</b>	Front IP65		
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>USB Port</b>	2 x USB 3.0	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232 (Optional)
<b>Video</b>	1 x HDMI (Optional)	<b>Audio</b>	2 x Speaker
<b>LAN</b>	2 x RJ-45		
Mechanical			
<b>Dimension</b>	296 x 226 x 47.5 mm	<b>Mounting</b>	VESA Mount/ Panel Mount
<b>Enclosure</b>	Metal	<b>Cooling System</b>	Fanless Design
Accessory			
<b>Accessory</b>	Quick Start Guide(Hardcopy)		

<b>Power</b>	
<b>Power Rating</b>	12V DC in 9-36V DC (Optional)
<b>Control</b>	
<b>Button</b>	1 x Power Button 1 x Reset Button

**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.