

# W43IT7T-PCA3

43" Intel® Core™ i5-1135G7 (Tiger Lake UP3) PCAP Standalone HMI Panel PC



## KEY FEATURES

- Intel® 11th Generation Core™ i5-1135G7 (Tiger Lake UP3) Processor, PCAP Chassis HMI
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Various mounting solutions, Yoke mount and VESA mount
- Plenty of I/Os including USB 3.2 Gen2 x 1, RS232 serial port and Gigabit Ethernet ports

## INTRODUCTION

Winmate Standalone Panel PC (Big size & P-CAP) Series, ranging from 27.5" to 42.5", offers cutting-edge performance and versatility for industrial and commercial applications. Powered by Intel® Core™ processors, these PCs feature a Projected Capacitive Multi-Touch screen, 1920x1080 resolution, and robust aluminum housing. Designed with front IP65 water and dust protection, edge-to-edge easy-to-clean surfaces, and multiple I/Os, including USB and serial ports, these panel PCs are ideal for industrial control, interactive kiosks, and digital signage, delivering reliability and precision in

## OVERVIEW



### PCAP Multi-Touch Screen

The highly-sensitive touch screen and PCAP multi-touch support make it easy for users to key in data, control the touch panel, and input data. With a true flat design and front IP65 protection against water splash and dust, the PCAP Chassis HMI can be easily cleaned.

### Low Power Consumption

Winmate industrial PCAP touch HMI is designed for low power consumption and effective heat dissipation. Plenty of I/Os ports such as USB, serial port, and ethernet for reliable and durable computing capabilities with an energy-efficient solution.



## COMPREHENSIVE MOUNTING



### Rear and VESA mounting

Winmate PCAP Chassis HMI is available in various mounting solutions, such as Yoke mount and VESA mount that offers desktop or wall-mounted installation flexibility. Flexibly install the HMI to match your needs while maintaining optimal clarity and the viewing experience.

## SPECIFICATIONS

### Display

<b>Resolution</b>	1920x1080	<b>Size</b>	43 inches
<b>Contrast Ratio</b>	3000:1	<b>Panel Brightness</b>	400 nits
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	940.896×529.254 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) 2 x SO-DIMM, DDR4 3200 MHz, 4GB (Optional) 8GB (Optional) 16GB (Optional) 32GB (Optional) 64GB (Optional)
<b>Storage</b>	1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 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) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)

### Mechanical

<b>Dimension</b>	1028.8 x 617 x 62.8 mm	<b>Weight</b>	25.0 kg
<b>Mounting</b>	VESA Mount	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fan design		

### 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 24V DC, Din4 pin connector	<b>USB Port</b>	4 x USB3.2 Gen1x1 (Type-A)
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)	<b>Video</b>	1 x DP1.2 1 x HDMI 1.4 (Optional)
<b>Audio</b>	1 x Mic in 1 x Line out 2 x Speaker	<b>Expansion Port</b>	1 x M.2 2280/2242 M-Key Slot (for NVMe SSD or SATA III SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module)
<b>LAN</b>	2 x Giga LAN RJ45 Connector	<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage

### 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
------------------	--

## 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.

