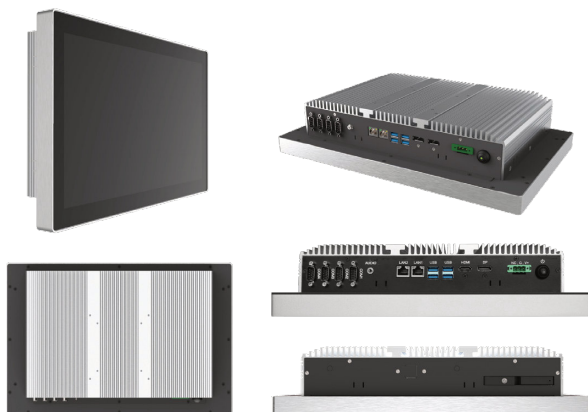


# LPC-P150SAG-2Tx

15" (1024\*768) Bezel-Free P-cap Panel PC, Intel® Tigerlake-UP3 Core™ i3/i5/i7 Processors, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C



## Features

- ▶ Intel® Tigerlake-UP3 Core™ i3/i5/i7 Processors
- ▶ 15" P-cap Flat Bezel
- ▶ 1024\*768 Resolution LCD
- ▶ Bezel-Free Design
- ▶ Fanless Design
- ▶ DC 12~24V Wide Range Power Input
- ▶ IP65 / 66 Front Panel
- ▶ 3-Pin Power Input Terminal Block
- ▶ Optional 1000 nits LED Backlight

## System

|                   |                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor         | Intel® TigerLake-UP3 Core™ i3/i5/i7 Processors                                                                                                                                                                               |
| System Memory     | 2 x DDR4 SO-DIMM, up to 64GB                                                                                                                                                                                                 |
| External I/O Port | 4 x USB 3.2 Gen2 Ports<br>2 x RJ45 GbE LAN (Intel® I225-LM supports 2.5GbE LAN)<br>1 x Display Port<br>1 x HDMI<br>4 x RS-232/422/485<br>1 x Audio out<br>1 x Power press button<br>1 x 3-Pin Terminal Block for Power Input |
| Storage           | 1 x 2.5" Storage Bay<br>1 x M.2 M-key(NVME) 2280 Socket                                                                                                                                                                      |
| Operating System  | Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2)<br>Windows 11 IoT Enterprise (64-bit, 21H2, Pre-scan)<br>Linux Ubuntu 22.04 (64-bit, by request) / Linux Yocto Project 3.1 (64-bit, by request)                           |
| Expansion         | 1 x M.2 B-key 2242/3042 (SATA 3.0, PCIe x1, USB 2.0)<br>1 x M.2 E-key 2230 (PCIe x1, USB 2.0)                                                                                                                                |

## LCD

|                 |             |
|-----------------|-------------|
| Display Type    | 15" TFT LCD |
| Max. Resolution | 1027*768    |
| Contrast Ratio  | 700 : 1     |
| Max. Color      | 16.2M       |
| Luminance       | 350 nits    |
| View Angle      | 80/80/70/70 |

## Power Requirement

|             |                                  |
|-------------|----------------------------------|
| Power Input | DC 12~24V Wide Range Power Input |
|-------------|----------------------------------|

## Touch Screen

|      |               |
|------|---------------|
| Type | 15" P-cap USB |
|------|---------------|

## Environment

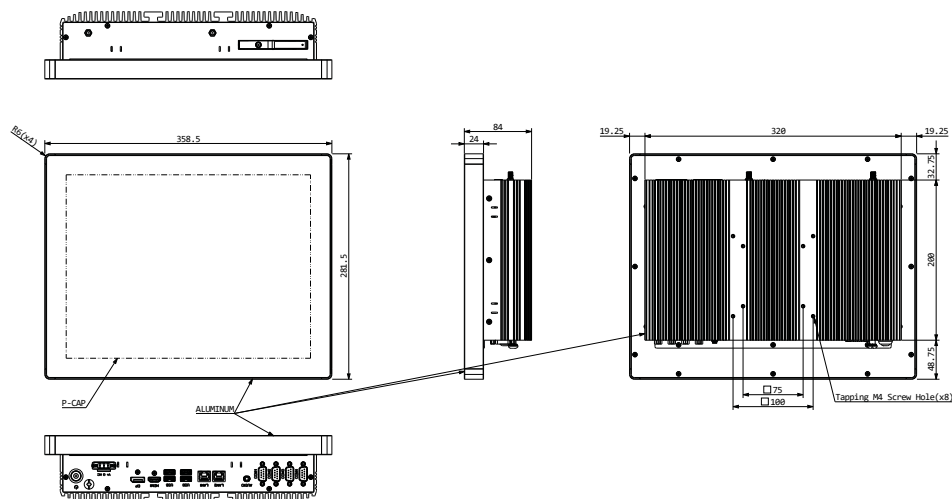
|                |                                                                |
|----------------|----------------------------------------------------------------|
| Operating Temp | -40~70 °Cd IEC-60068-2-1/2/14                                  |
| Storage Temp   | -40~70 °C                                                      |
| Humidity       | 10~90% @40 °C, non-condensing                                  |
| Cerfification  | FCC / CE Class A Certification                                 |
| Vibration      | MIL-STD-810H, Method 514.8, Procedure I, 5~500Hz (Compliance)  |
| Shock          | MIL-STD-810H, Method 516.8, Procedure I, 20g 11ms (Compliance) |

## Mechanical

|              |                                                     |
|--------------|-----------------------------------------------------|
| Construction | Aluminum Front Bezel and Metal Case                 |
| IP Rating    | Front Panel IP65 / IP66 Compliant                   |
| Mounting     | M4 VESA Mount 75 x 75 / 100 x 100<br>Panel Mounting |
| Dimension    | 358.5 x 281.5 x 84mm                                |

\* All specifications are subject to change without prior notice.

## Dimension & I/O Connector



### Ordering Information

|                 |                                                                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LPC-P150SAG-2T3 | 15" (1024*768) Bezel-Free P-cap Panel PC, Intel® Tigerlake-UP3 Core™ i3-1115G4E, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C |
| LPC-P150SAG-2T5 | 15" (1024*768) Bezel-Free P-cap Panel PC, Intel Tigerlake-UP3 Core™ i5-1145G7E, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C  |
| LPC-P150SAG-2T7 | 15" (1024*768) Bezel-Free P-cap Panel PC, Intel® Tigerlake-UP3 Core™ i7-1185G7E, IP65 Aluminum Front Bezel, AG, Removable 2.5" HDD/SSD Tray, DC 12~24V Wide Range Power Input, -40~70°C |

### Ordering Code

LPC-P150SAG-2Tx    -H / -OB / -B / -AG / -AR / -V

H = High Brightness 1000 nits LED backlight

OB = Optical Bonding

B = Glass Without Touch

AG = Anti-Glare

AR = Anti-Reflection

V = Vandal Proof Glass (By Project)