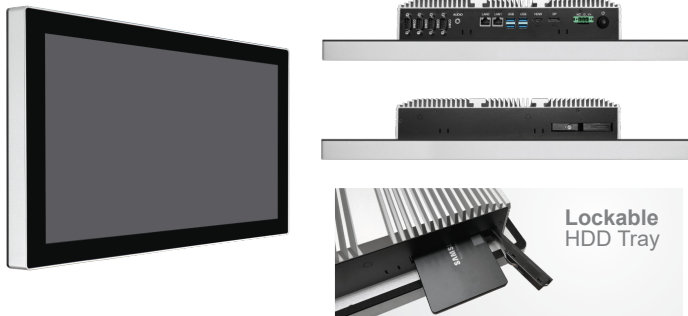


# LPC-P240W-2X

24" P-cap Panel PC with 7 / 6 Gen  
Core i7 / i5 / i3 , IP65 / 66 Bezel-Free and  
Wide Range Power Input



## Features

- ▶ -30 ~ 70°C Operating Temp
- ▶ IEC-60945 Certified / DNV Compliance
- ▶ IP65 / 66 Front Panel
- ▶ Fanless Design
- ▶ 3-Pin Power Input Terminal Block
- ▶ DC 9~36V Wide Range Power Input
- ▶ 1920\*1080 Resolution
- ▶ 300 nits LED Backlight
- ▶ Optional 1000 nits LED Backlight
- ▶ Lockable HDD Tray
- ▶ -30°C Cold Start

### System

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Processor         | 7th/6th Gen Kaby Lake-U/Skylake-U Core™ i7/i5/i3                                      |
| System Memory     | DDR4 SO-DIMM, up to 16 GB                                                             |
| External I/O Port | 4 x USB 3.0<br>2 x GbE LAN (I210-AT & I219LM, AMT 11.x supported)<br>1 x Display Port |
|                   | 1 x HDMI<br>3 x RS-232<br>1 x RS-232/422/485 (COM1)<br>1 x Audio                      |
|                   | 1 x Power press button<br>1 x 3-Pin Power Input<br>1 x Lockable HDD Tray              |
| Storage           | 2 x SATA3 (6.0Gb/s)<br>1 x mSATA (full size mini-PCIe)                                |
| Operating System  | 6th Gen CPU for Win 7 Pro/ WES7 / Win 8 / Win 10<br>7th Gen CPU for Win 10            |
| Expansion         | 2 x MiniPCIe Slot (1 x Nano Sim Holder)                                               |

### LCD

|                    |              |
|--------------------|--------------|
| Display Type       | 24" TFT LCD  |
| Max. Resolution    | 1920*1080    |
| Max. Color         | 16.7M        |
| Luminance          | 300nits      |
| View Angle         | 189/ 189     |
| Backlight Lifetime | 30,000 hours |

### Environment

|                |                                                        |
|----------------|--------------------------------------------------------|
| Operating Temp | -30~70 °C , IEC-60068-2-1/2/14                         |
| Storage Temp   | -30~70 °C                                              |
| Humidity       | 10~90% @40 °C, non-condensing                          |
| EMC            | FCC / CE Class A Certification<br>CE Class B Compliant |
| Vibration      | 1.5 Grms @10~500Hz, IEC-60068-2-64                     |

### Power Requirement

|             |                                                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Input | 3-Pin Power Input Terminal Block<br>DC 9~36V Power Input<br>Input on board fuse /<br>Input reverse / Over current /<br>Output short circuit protection |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|

### Mechanical

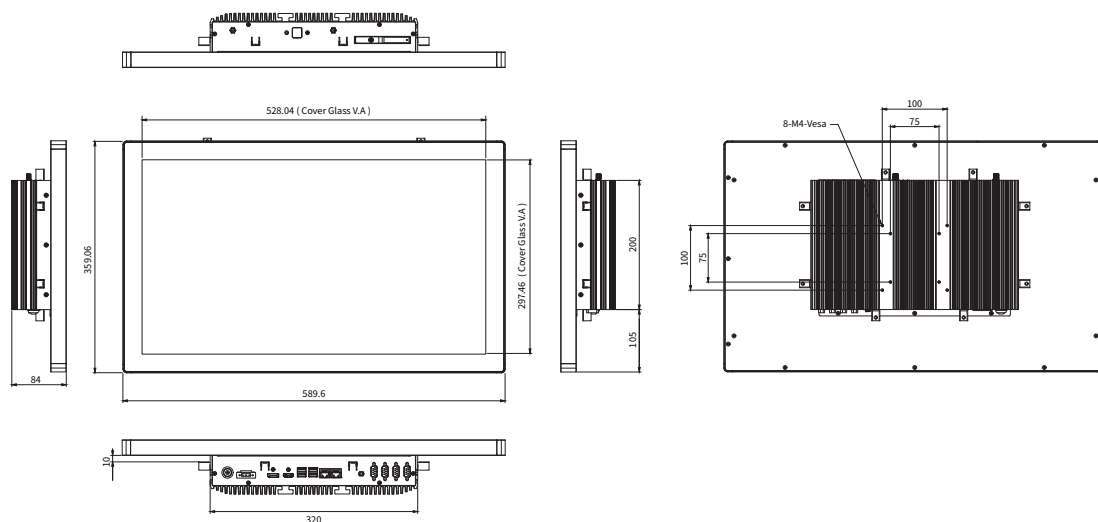
|              |                                   |
|--------------|-----------------------------------|
| Construction | Aluminum Front Bezel and Case     |
| IP Rating    | Front Panel IP65 / IP66 Compliant |
| Mounting     | VESA / Panel Mount                |
| Dimension    | 589 x 359 x 84                    |

### Touch Screen

|      |               |
|------|---------------|
| Type | 24" P-cap USB |
|------|---------------|

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

## Dimension & I/O Connector



### Ordering Information

|                |                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| LPC-P240W-25   | 24" P-cap Panel PC with i3-6100U, 1920 x 1080 Resolution, 300 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P240W-26   | 24" P-cap Panel PC with i5-6300U, 1920 x 1080 Resolution, 300 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P240W-27   | 24" P-cap Panel PC with i7-6600U, 1920 x 1080 Resolution, 300 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P240W-28   | 24" P-cap Panel PC with i5-7300U, 1920 x 1080 Resolution, 300 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
| WFK-024        | WiFi kits w/ cable & Antenna (2.4GHz, 802.11 b/g/n, 1T1R)                                                                            |
| WFK-524        | WiFi kits w/ cable & Antenna (2.4 & 5GHz, 802.11 a/b/g/n/ac + BT, 2T2R)                                                              |
| 04-US-26-00002 | 120 W / 24V power adapter with 3 pin terminal block (For High Brightness Model)                                                      |

### Ordering Code

|                     |                                         |
|---------------------|-----------------------------------------|
| LPC-P240W-2X Series | -H / -OB / -G / -AG / -AR / -B / -V     |
| H                   | High Brightness 1000 nits LED backlight |
| OB                  | Optical Bonding                         |
| G                   | Glass without touch                     |
| AG                  | Anti-Glare                              |
| AR                  | Anti-Reflection                         |
| V                   | Vandal Proof Glass (By Project)         |

### Ordering Example

|                        |                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| LPC-P240W <b>H</b> -26 | 24" P-cap Panel PC with i5-6300U, 1920 x 1080 Resolution, <b>1000 nits</b> , DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

## Assured Systems

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