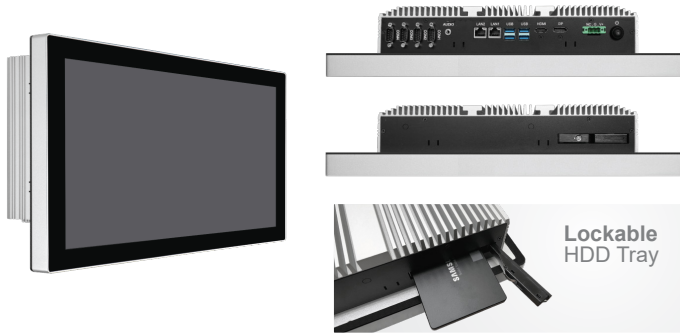


# LPC-P185W-2X

18.5" 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
- ▶ 350 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<br>1 x HDMI<br>3 x RS-232<br>1 x RS-232/422/485 (COM1)<br>1 x Audio |
| Storage           | 1 x Power press button<br>1 x 3-Pin Power Input<br>1 x Lockable HDD Tray<br>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       | 18.5" TFT LCD |
| Max. Resolution    | 1920*1080     |
| Max. Color         | 16.7M         |
| Luminance          | 350 nits      |
| 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

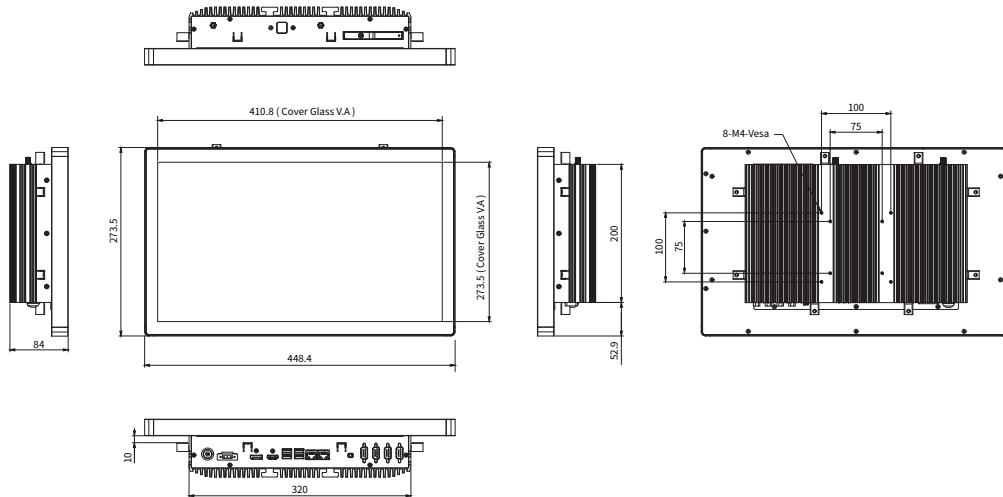
|              |                                   |
|--------------|-----------------------------------|
| Construction | Aluminum Front Bezel and Case     |
| IP Rating    | Front Panel IP65 / IP66 Compliant |
| Mounting     | VESA / Panel Mount                |
| Dimension    | 448 x 273 x 84                    |

### Touch Screen

|      |                 |
|------|-----------------|
| Type | 18.5" P-cap USB |
|------|-----------------|

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

## Dimension & I/O Connector



### Ordering Information

|                |  |
|----------------|--|
| LPC-P185W-25   | 18.5" P-cap Panel PC with i3-6100U, 1920 x 1080 Resolution, 350 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P185W-26   | 18.5" P-cap Panel PC with i5-6300U, 1920 x 1080 Resolution, 350 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P185W-27   | 18.5" P-cap Panel PC with i7-6600U, 1920 x 1080 Resolution, 350 nits, DC 9~36V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P185W-28   | 18.5" P-cap Panel PC with i5-7300U, 1920 x 1080 Resolution, 350 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-P185W-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-P185W <b>H</b> -26 | 18.5" 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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