

# LPC-P101W-3X

10.1" P-cap Panel PC with 7th/6th Gen  
KabyLake-U/Skylake-U Core™ i7/i5/i3, IP65 /  
66 Bezel-Free and Wide Range Power Input



## Features

- ▶ 7th/6th Gen Core™ i7/i5/i3
- ▶ IEC-60945 Certified
- ▶ IP65 / 66 Front Panel
- ▶ -30°C Cold Start
- ▶ Fanless Design
- ▶ 3-Pin Power Input Terminal Block
- ▶ DC 12~24V Wide Range Power Input
- ▶ 1280\*800 Resolution
- ▶ 500 nits LED Backlight
- ▶ Optional 1000 nits LED Backlight
- ▶ Optional to Resistive Touch

## System

|                   |                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor         | 7th/6th Gen KabyLake-U/Skylake-U Core™ i7/i5/i3                                                                                                                                                             |
| System Memory     | DDR4 2133 MHz 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>2 x RS-232<br>1 x RS-232/422/485(COM1)<br>1 x Audio<br>1 x Power press button<br>1 x 3-Pin Power Input |
| Storage           | 1 CFAST Slot, Push-in/ Push-out Ejector<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                                                                                                                                                                                           |

## LCD

|                    |               |
|--------------------|---------------|
| Display Type       | 10.1" TFT LCD |
| Max. Resolution    | 1280*800      |
| Max. Color         | 16.1M         |
| Luminance          | 500 nits      |
| View Angle         | 85/85/85/85   |
| Backlight Lifetime | 30,000 hours  |

## Power Requirement

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| Power Input | 3-Pin Power Input Terminal Block<br>DC 12~24V Wide Range Power Input |
|-------------|----------------------------------------------------------------------|

## Touch Screen

|      |                           |
|------|---------------------------|
| Type | 10.1" P-cap USB interface |
|------|---------------------------|

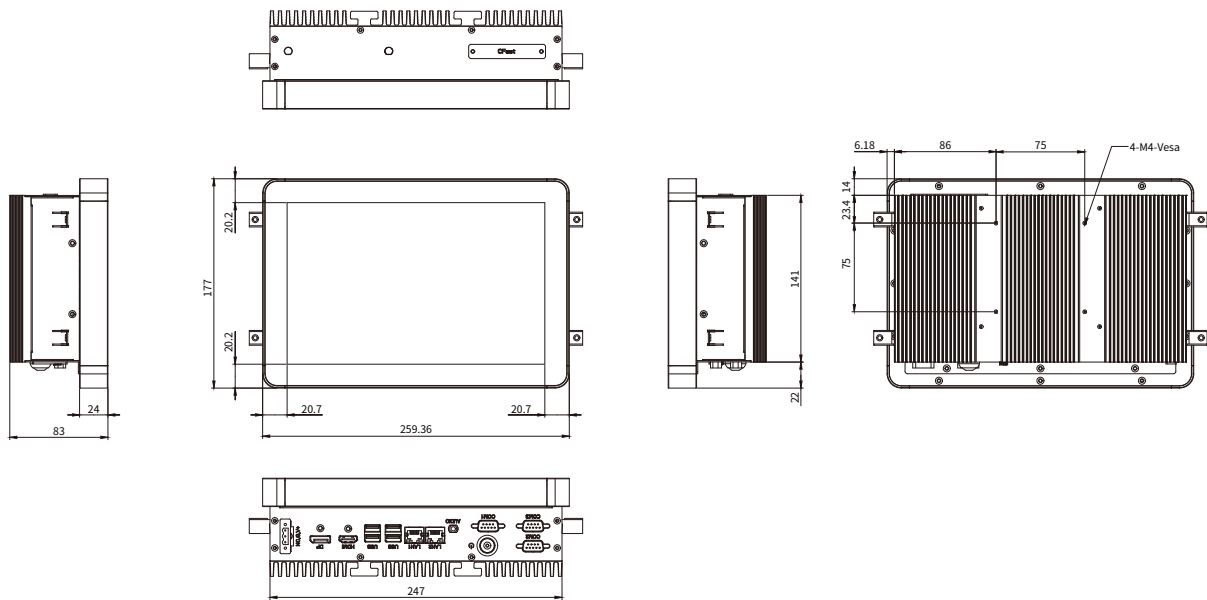
## Environment

|                |                                                        |
|----------------|--------------------------------------------------------|
| Operating Temp | -30~70°C<br>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                     |

## Mechanical

|              |                                   |
|--------------|-----------------------------------|
| Construction | Aluminum Front Bezel and Case     |
| IP Rating    | Front Panel IP65 / IP66 Compliant |
| Mounting     | VESA / Panel Mount (Optional)     |
| Dimension    | 259.36 x 177 x 83                 |

## Dimension & I/O Connector



### Ordering Information

|                |                                                                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LPC-P101W-35   | 10.1" P-cap Panel PC with i3-6100U, 1280 x 800 Resolution, 500 nits, DC12~24V Power Input, including a 3-Pin Power Adapter (12V/7.5A)                                    |
| LPC-P101W-36   | 10.1" P-cap Panel PC with i5-6300U, 1280 x 800 Resolution, 500 nits, DC12~24V Power Input, including a 3-Pin Power Adapter (12V/7.5A)                                    |
| LPC-P101W-3K3  | 10.1" P-cap Panel PC with KabyLake i3-7100U, 1280 x 800 Resolution, 500 nits, DC12~24V Power Input, including a 3-Pin Power Adapter (12V/7.5A)                           |
| LPC-P101W-3K5  | 10.1" P-cap Panel PC with KabyLake i5-7300U, 1280 x 800 Resolution, 500 nits, DC12~24V Power Input, including a 3-Pin Power Adapter (12V/7.5A) ( Only work with Win 10 ) |
| 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-P101W-3X      -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)