

# LPC-P170S-1X

17" 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

- ▶ -20~60°C Operating Temp
- ▶ IP65 / 66 Front Panel
- ▶ Bezel-Free Design
- ▶ Fanless Design
- ▶ 3-Pin Power Input Terminal Block
- ▶ DC 12~24V Wide Range Power Input
- ▶ 1280\*1024 Resolution
- ▶ 350 nits LED Backlight
- ▶ Optional 1000 nits LED Backlight
- ▶ Lockable HDD Tray

### System

|                   |                                                                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor         | 7th/6th Gen KabyLake-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<br>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-PCle)                                                                                                                                                                                |
| Operating System  | 6th Gen CPU for Win 7 Pro/ WES7 / Win 8 / Win 10<br>7th Gen CPU for Win 10                                                                                                                                                            |
| Expansion         | 2 x MiniPCle Slot (1 x Nano Sim Holder)                                                                                                                                                                                               |

### LCD

|                    |              |
|--------------------|--------------|
| Display Type       | 17" TFT LCD  |
| Max. Resolution    | 1280*1024    |
| Max. Color         | 16.2M        |
| Luminance          | 350 nits     |
| View Angle         | 85/85/80/80  |
| Backlight Lifetime | 30,000 hours |

### Environment

|                |                                                        |
|----------------|--------------------------------------------------------|
| Operating Temp | -20~60 °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 12~24V Power Input<br>Input on board fuse /<br>Input reverse / Over current /<br>Output short circuit protection |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

### Mechanical

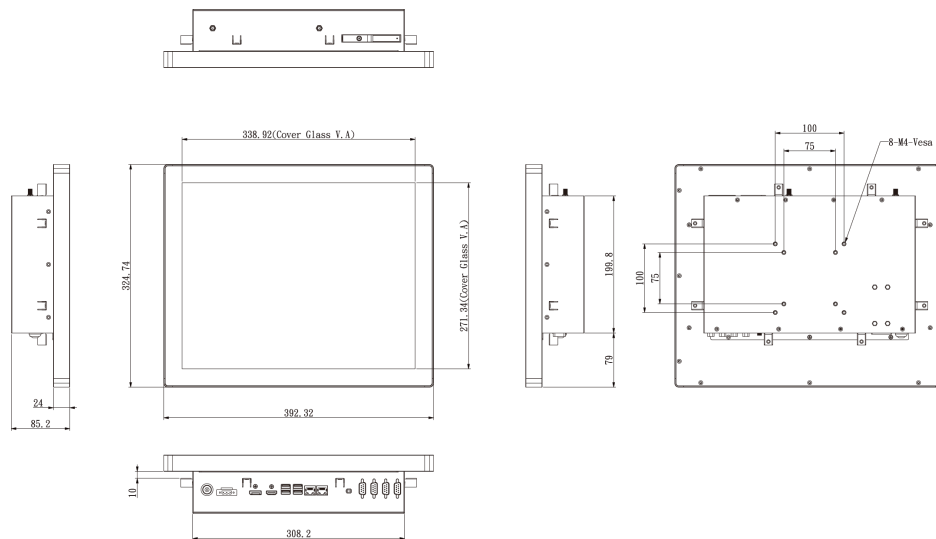
|              |                                     |
|--------------|-------------------------------------|
| Construction | Aluminum Front Bezel and Metal Case |
| IP Rating    | Front Panel IP65 / IP66 Compliant   |
| Mounting     | VESA / Panel Mount                  |
| Dimension    | 392 x 324 x 85                      |

### Touch Screen

|      |               |
|------|---------------|
| Type | 17" P-cap USB |
|------|---------------|

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

## Dimension & I/O Connector



### Ordering Information

|                |                                                                                                                                                                                                  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LPC-P170S-15   | 17" P-cap Panel PC with i3-6100U, 1280 x 1024 Resolution, 420 nits, DC 12~24V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A)                                       |
| LPC-P170S-16   | 17" P-cap Panel PC with i5-6300U, 1280 x 1024 Resolution, 420 nits, DC 12~24V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A)                                       |
| LPC-P170S-1K3  | 17" P-cap Panel PC with KabyLake i3-7100U, 1280 x 1024 Resolution, 420 nits, DC 12~24V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A)                              |
| LPC-P170S-1K5  | 17" P-cap Panel PC with KabyLake i5-7300U, 1280 x 1024 Resolution, 420 nits, DC 12~24V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A)<br>( 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-P170S-1X Series | -H / -OB / -B / -AG / -AR / -V          |
| H                   | High Brightness 1000 nits LED backlight |
| OB                  | Optical Bonding                         |
| B                   | Glass Withtout Touch                    |
| AG                  | Anti-Glare                              |
| AR                  | Anti-Reflection                         |
| V                   | Vandal Proof Glass (By Project)         |

### Ordering Example

|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| LPC-P170S <b>H</b> -16 | 17" P-cap Panel PC with i5-6300U, 1280 x 1024 Resolution, <b>1000 nits</b> , DC 12~24V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

## Assured Systems

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