

# LPC-P185W-LPx

18.5" Stainless Steel P-cap Panel PC with Intel 7th/6th Gen KabyLake-U/Skylake-U Core™ i7/i5/i3, 6 sides IP66 Waterproof Feature and Wide Range Power Input



## Features

- ▶ York / Desk / Vesa Mounting
- ▶ 18.5" P-cap Flat Bezel
- ▶ DC 12~24V Wide Range Power Input
- ▶ 1920\*1280 Resolution
- ▶ Bottom Side M12 Plastic Connector
- ▶ M12 Plastic Waterproof Connectors
- ▶ Stainless Steel 316 Food Grade



| System            |   |
|-------------------|---|
| Processor         | 7th/6th Gen KabyLake-U/Skylake-U Core™ i7/i5/i3   |
| System Memory     | DDR4 2133MHz SO-DIMM, up to 16 GB   |
| External I/O Port | 1 x GIGA LAN External Waterproof cables by 1.5 meters<br>(the end side is male RJ45)<br>1 x USB 2.0 External Waterproof cables by 1.5 meters<br>(the end side is female USB 2.0)<br>1 x Power External Waterproof cables by 1.5 meters<br>(the end side is 2 wire : ground & + )<br>1 x COM (1 x RS-232/422/485) External Waterproof cables by 1.5 meters<br>1 x HDMI (w/o Audio) |
| Storage           | 2 x SATA3 (6.0Gb/s)<br>1 x mSATA (full size mini-PCIe)  |
| Operating System  | Windows 7 (32/64bit) (Sky Lake-ULT Only) Windows 8.1 (64bit)<br>Windows 10 (64bit)  |
| Expansion         | 2 x MiniPCIe Slot   |

| LCD                |               |
|--------------------|---------------|
| Display Type       | 18.5" TFT LCD |
| Max. Resolution    | 1920*1280     |
| Max. Color         | 16.7M         |
| Luminance          | 350nits       |
| View Angle         | 89/89/89/89   |
| Backlight Lifetime | 30,000 hours  |

| Environment    |  |
|----------------|--|
| Operating Temp | -20~60 °C · IEC-60068-2-1/2/14                         |
| Storage Temp   | -20~60 °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       | M12 Power Input<br>DC 12~24V Wide Range<br>Power Input |

| Mechanical   |                      |
|--------------|----------------------|
| Construction | Stainless Steel case |
| IP Rating    | IP66 with 6 sides    |
| Mounting     | VESA                 |
| Dimension    | TBC                  |

| Touch Screen |                           |
|--------------|---------------------------|
| Type         | 18.5" P-cap USB interface |

### Ordering Information

|                |   |
|----------------|---|
| LPC-P185W-LP5  | 18.5" Stainless Steel P-cap Panel PC with Intel Skylake-U i3-6100U, 6 sides IP66, and Waterproof M12 Plastic Connector  |
| LPC-P185W-LP6  | 18.5" Stainless Steel P-cap Panel PC with Intel Skylake-U i5-6300U, 6 sides IP66, and Waterproof M12 Plastic Connector  |
| LPC-P185W-LPK3 | 18.5" Stainless Steel P-cap Panel PC with Intel Kabylake-U i3-7100U, 6 sides IP66, and Waterproof M12 Plastic Connector |
| LPC-P185W-LPK5 | 18.5" Stainless Steel P-cap Panel PC with Intel Kabylake-U i5-7300U, 6 sides IP66, and Waterproof M12 Plastic Connector |
| 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-LPx Series                        | -H / -OB / -B / -AG / -AR / -V / -M |
| 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)         |                                     |
| M = M12 Metal Connector                     |                                     |