

LPC-P190S-1X

19" 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 2 x GbE LAN (I210-AT & I219LM, AMT 11.x supported) 1 x Display Port 1 x HDMI 3 x RS-232 1 x RS-232/422/485 (COM1) 1 x Audio 1 x Power press button 1 x 3-Pin Power Input 1 x Lockable HDD Tray |
| Storage | 2 x SATA3 (6.0Gb/s) 1 x mSATA (full size mini-PCIe) |
| Operating System | 6th Gen CPU for Win 7 Pro/ WES7 / Win 8 / Win 10 7th Gen CPU for Win 10 |
| Expansion | 2 x MiniPCIe Slot (1 x Nano Sim Holder) |

LCD

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|--------------------|--------------|
| Display Type | 19" TFT LCD |
| Max. Resolution | 1280*1024 |
| Max. Color | 16.7M |
| Luminance | 350 nits |
| View Angle | 85/85/80/80 |
| Backlight Lifetime | 30,000 hours |

Environment

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|----------------|--|
| 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 CE Class B Compliant |
| Vibration | 1.5 Grms @10~500Hz, IEC-60068-2-64 |

Power Requirement

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|-------------|---|
| Power Input | 3-Pin Power Input Terminal Block DC 12~24V Power Input Input on board fuse / Input reverse / Over current / Output short circuit protection |
|-------------|---|

Mechanical

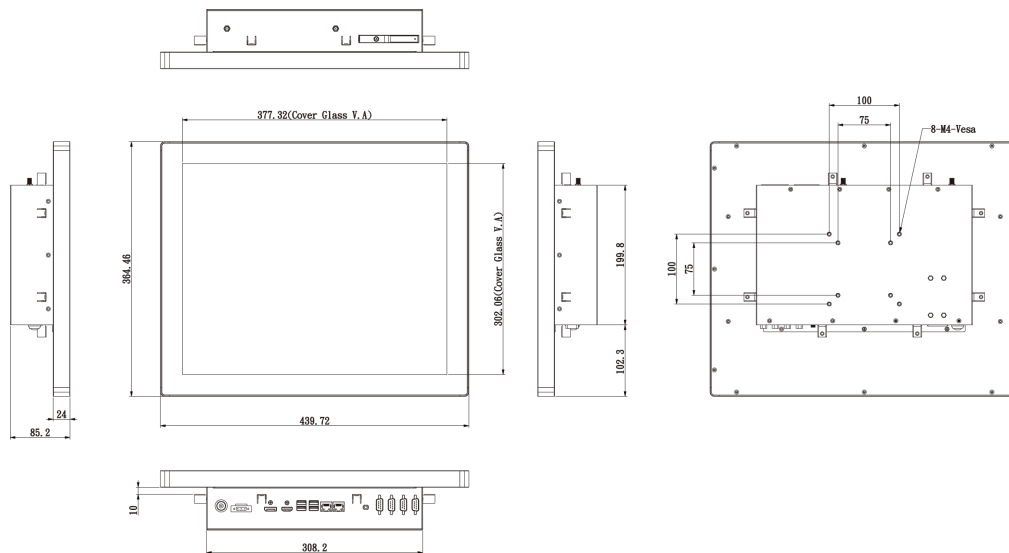
| | |
|--------------|-------------------------------------|
| Construction | Aluminum Front Bezel and Metal Case |
| IP Rating | Front Panel IP65 / IP66 Compliant |
| Mounting | VESA / Panel Mount |
| Dimension | 364.46 x 377.32 x 85.2 mm |

Touch Screen

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|------|---------------|
| Type | 19" P-cap USB |
|------|---------------|

* All specifications are subject to change without prior notice.

Dimension & I/O Connector



Ordering Information

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|----------------|---|
| LPC-P190S-15 | 19" P-cap Panel PC with i3-6100U, 1280 x 1024 Resolution, 350 nits, DC 12~24V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P190S-16 | 19" P-cap Panel PC with i5-6300U, 1280 x 1024 Resolution, 350 nits, DC 12~24V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P190S-1K3 | 19" P-cap Panel PC with KabyLake i3-7100U, 1280 x 1024 Resolution, 350 nits, DC 12~24V Power Input with Fuse Protection, including a 3-Pin Power Adapter (12V/7.5A) |
| LPC-P190S-1K5 | 19" P-cap Panel PC with KabyLake i5-7300U, 1280 x 1024 Resolution, 350 nits, DC 12~24V Power Input with Fuse Protection, 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-P190S-1X Series | -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) |

Ordering Example

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|------------------------|--|
| LPC-P190S H -16 | 19" P-cap Panel PC with i5-6300U, 1280 x 1024 Resolution, 1000 nits , DC 12~24V Power Input, including a 3-Pin Power Adapter (12V/7.5A) |
|------------------------|--|

Assured Systems

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