

LPC-P121W-10

12.1" P-cap Panel PC with Celeron® N3160, IP65 / 66 Bezel-Free and Wide Range Power Input



Features

- ▶ Celeron® N3160 Quad Core 1.6GHz
- ▶ IP65 / 66 Front Panel
- ▶ Bezel-Free Design
- ▶ 12.1" P-cap Flat Bezel
- ▶ Fanless Design
- ▶ 3-Pin Power Input Terminal Block
- ▶ DC 9~36V Wide Range Power Input
- ▶ 1280*800 Resolution
- ▶ 400 nits LED Backlight
- ▶ 1000 nits LED Backlight (Optional)
- ▶ Optional Resistive Touch
- ▶ -20°C Cold Start



Specification

| System | |
|-------------------|--|
| Processor | Intel® Celeron® N3160 SoC CPU |
| System Memory | DDR3L SO-DIMM, up to 8 GB |
| External I/O Port | 4 x USB 3.0 2 x GbE LAN (RTL8111G) 1 x Display Port 1 x HDMI 3 x RS-232 1 x RS232/422/485 1 x Audio 1 x Power press button 1 x 3-Pin Power Input |
| Storage | 1 x CFast 1 x mSATA (full size mini-PCIe) |
| Operating System | Windows 7 Pro, Windows Embedded Standard 7, Windows 8, Windows 10 |
| Expansion | 2 x MiniPCIe Slot |

| Power Requirement | |
|-------------------|---|
| Power Type | 3-Pin Power Input Terminal Block DC 9~36V Wide Range Power Input |

| Touch Screen | |
|--------------|-----------------|
| Type | 12.1" P-cap USB |

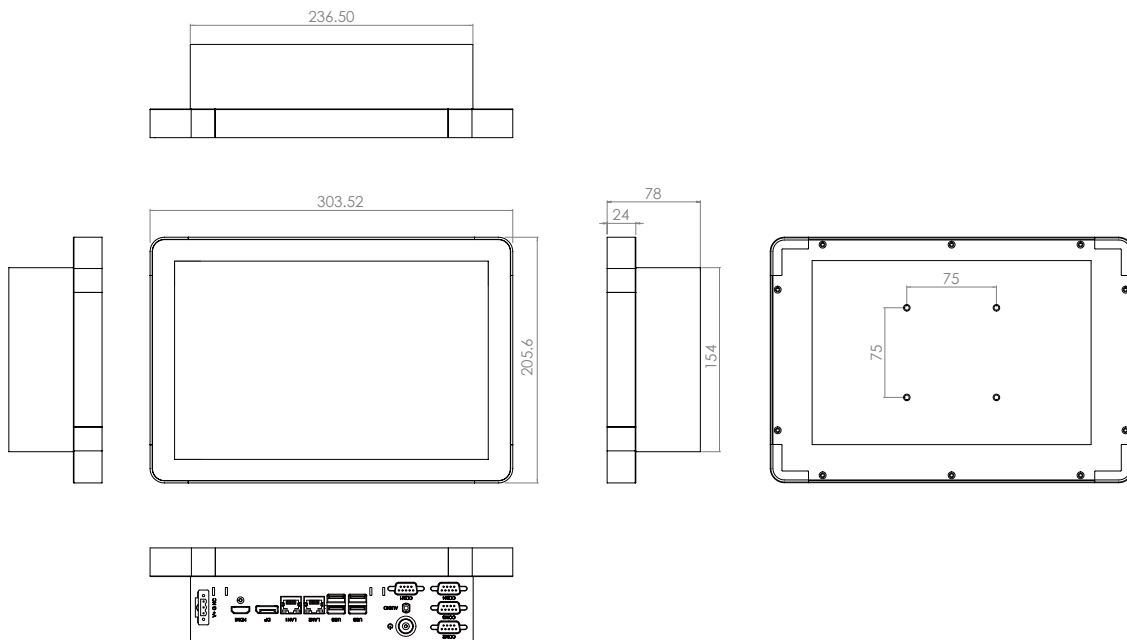
| LCD | |
|--------------------|---------------|
| Display Type | 12.1" TFT-LCD |
| Max. Resolution | 1280*800 |
| Max. Color | 262K/16.2M |
| Luminance | 400 nits |
| View Angle | 88/88/88/88 |
| Backlight Lifetime | 30,000 hours |

| Mechanical | |
|--------------|--|
| Construction | Aluminum Front Bezel and Metal Case |
| IP Rating | Front Panel IP65 Front Panel IP66 Compliant |
| Mounting | VESA / Panel Mount |
| Dimension | TBC |

| Environment | |
|----------------|--|
| Operating Temp | -20~60 °C IEC-60068-2-1/2/14 |
| Storage Temp | -20~70 °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 |



Dimension & I/O Connector



Ordering Information

| | |
|---------------------|---|
| LPC-P121W-10 | 12.1" P-cap Panel PC, Intel® Celeron® N3160, 1280*800 Reso, 400 nits, 4 COM, 4 USB, 2 LAN, 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) |
| 07-001-PA90145-001A | 120 W / 24V power adapter with 3 pin terminal block (For High Brightness Model) |

Ordering Code

| | |
|--|-------------------------------------|
| LPC-P121W-10 | -H / -OB / -B / -AG / -AR / -9 / -V |
| H = High Brightness 1000 nits LED backlight | |
| OB = Optical Bonding | |
| B = Glass without touch | |
| AG = Anti-Glare | |
| AR = Anti-Reflection | |
| 9 = Power Board for Input on board fuse / Input reverse protection / Over current protection / Output short circuit protection | |
| V = Vandal Proof Glass | |

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