

# LPC-P121W-3X

12.1" 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 2 x GbE LAN (I210-AT & I219LM, AMT 11.x supported) 1 x Display Port 1 x HDMI 2 x RS-232 1 x RS-232/422/485 (COM1) 1 x Audio 1 x Power press button 1 x 3-Pin Power Input
Storage	1 CFAST Slot, Push-in/ Push-out Ejector 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

## LCD

Display Type	12.1" TFT LCD
Max. Resolution	1280*800
Max. Color	262K/16.7M
Luminance	500 nits
View Angle	89/89/89/89
Backlight Lifetime	30,000 hours

## Power Requirement

Power Input	3-Pin Power Input Terminal Block DC 12~24V Wide Range Power Input
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## Touch Screen

Type	12.1" P-cap USB interface
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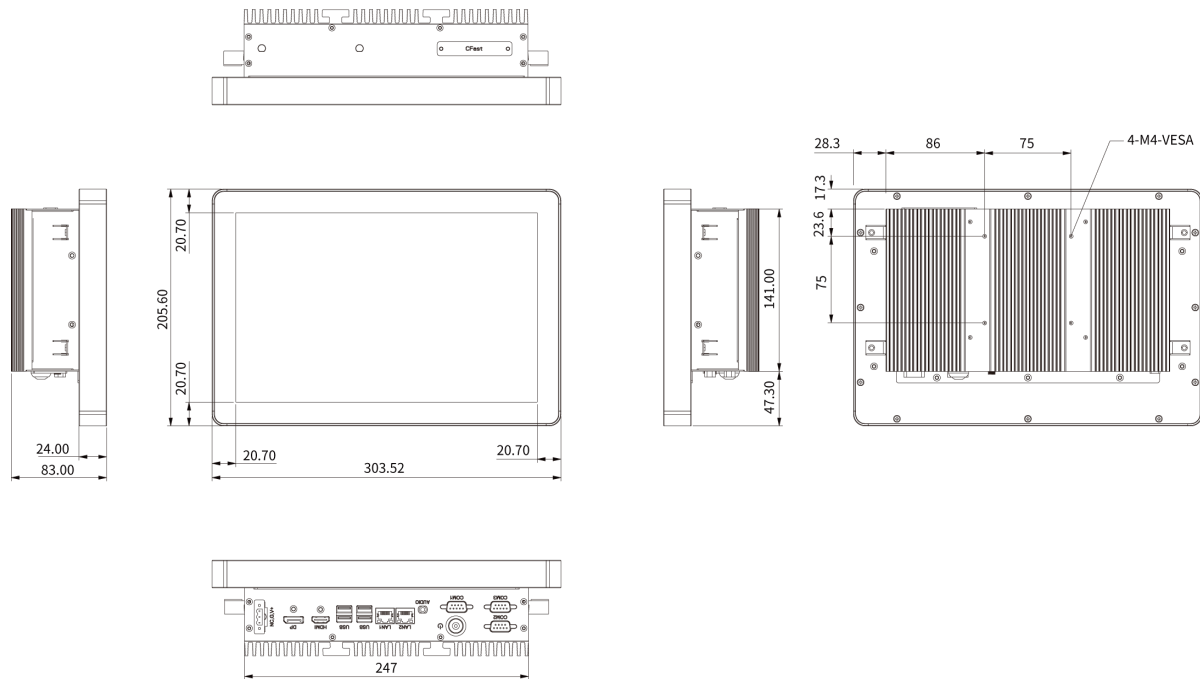
## Environment

Operating Temp	-30~70°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

## Mechanical

Construction	Aluminum Front Bezel and Case
IP Rating	Front Panel IP65 / IP66 Compliant
Mounting	VESA / Panel Mount (Optional)
Dimension	303.52 x 205.60 x 83

## Dimension & I/O Connector



### Ordering Information

LPC-P121W-35	12.1" 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-P121W-36	12.1" 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-P121W-3K3	12.1" 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-P121W-3K5	12.1" 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-P121W-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)