LPC-P121W-3N

12.1" P-cap Panel PC with Intel® Pentium® Processor N4200, IP65 / 66 Bezel-Free and Wide Range Power Input



Features

- Intel® Pentium® Processor N4200 , 1.1 GHz, up to 2.5 GHz
- IP65 / 66 Front Panel
- Bezel-Free Design
- 12.1" P-cap Flat Bezel
- Fanless Design
- Marine IEC-60945 certificated
- DC 9~36V Wide Range Power Input
- 1280*800 Resolution
- 500 nits LED Backlight
- Optional 1000 nits LED Backlight
- Optional to Resistive Touch

System	
Processor	Intel® Pentium® Processor N4200, QC, 6W
System Memory	DDR3L SO-DIMM, up to 8 GB
External I/O Port	4 x USB 3.0
	2 x GbE LAN (Intel® I211-AT GbE LAN)
	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 x SATA3 (6.0Gb/s)
	1 x mSATA (full size mini-PCIe)
Operating System	Windows 10 IoT Enterprise LTSC/SAC 1809 (64-bit, RS5)
Expansion	2 x MiniPCIe Slot

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

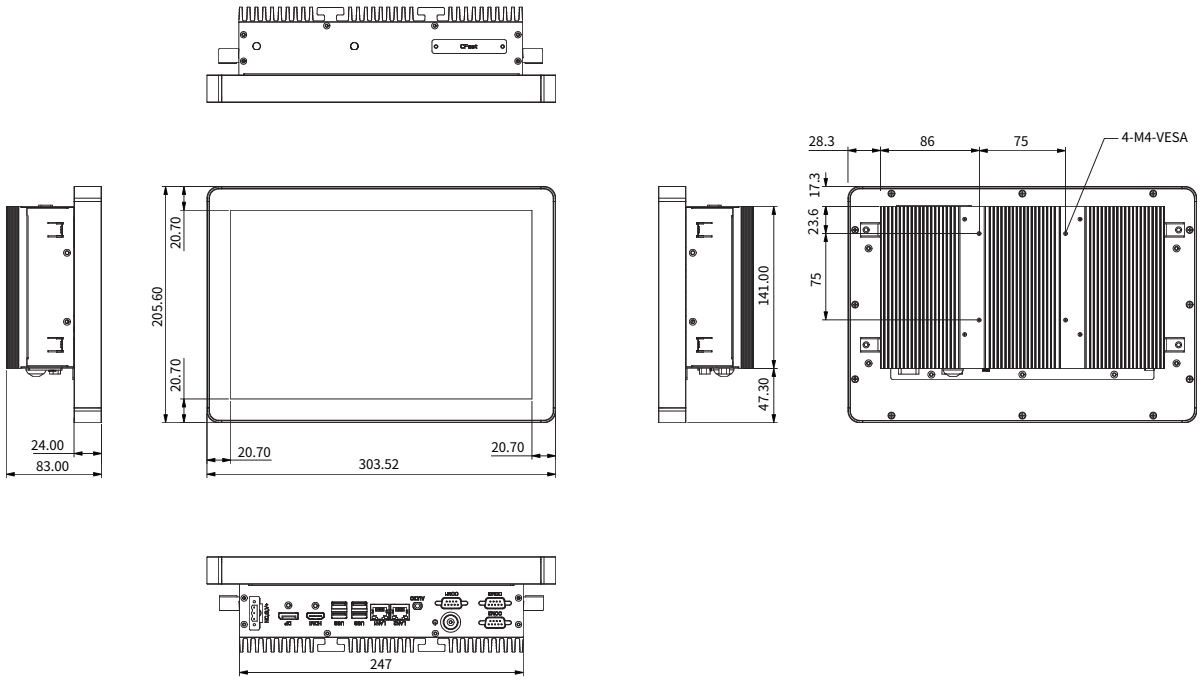
Power Requirement	
Power Input	3-Pin Power Input Terminal Block DC 9~36V Wide Range Power Input

Touch Screen	
Type	12.1" P-cap USB interface

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 Metal Case
IP Rating	Front Panel IP65 / IP66 Compliant
Mounting	VESA / Panel Mount
Dimension	303.52 x 205.60 x 83

Dimension & I/O Connector



Ordering Information	
LPC-P121W-3N	12.1" P-cap Panel PC, Pentium® Processor N4200, 1280 x 800 Resolution, 500 nits, DC9~36V 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)
04-US-26-00002	120 W / 24V power adapter with 3 pin terminal block (For High Brightness Model)

Ordering Code	
LPC-P121W-3N	-H / -OB / -G / -AG / -AR / -V
H = High Brightness 1000 nits LED backlight	
OB = Optical Bonding	
G = Glass withtout touch	
AG = Anti-Glare	
AR = Anti-Reflection	
B = Power Board for Input on board fuse / Input reverse protection / Over current protection / Output short circuit protection	
V = Vandal Proof Glass (By Project)	