

PPC-PM121LC

Industrial Touch Screen Panel PC



Features:

- Rugged All Metal
- 12.1" LCD, PCAP touch
- 1000 Nit High Bright Panel
- I3 - 1215U (Alder Lake)
- Windows 11 Pro
- Integrated Wifi,

PRODUCT		PPC-PM19LC
Main System	CPU	Intel® I3 - 1215U (Intel Alder Lake U), other Configurations available including Ultra5, Ultra 7, Ultra 9 Available on Request
	GPU	Intel® UHD Graphics for 12th Gen Intel® Processors
	Memory	DDR4 4800MHz, 16GB (Up to 32GB)
	OS Support	Win 11 Pro
Display	Size	12.1", 4:3
	Resolution (Pixel)	1024x768 (XGA)
	Number of Colors	16.7M colors
	View Angle (H/V)	85/85/85/85
	Brightness (cd/m ² , nit)	1000 nits
	Contract Ratio	1200:1 (Typ)
Touch Panel	Type	Full flat projected capacitive touch panel (10 Points)
	Light Transmission	90 ± 3%
	Hardness	7H
	Lifetime	100M times
Storage & Expansion	Storage	M.2 256GB or 512GB Internal, External Expansion Mini SIM, M.2 Type E x 1
	USB	USB 3.2 x2, USB-C x2
I/O Ports	COM	2 X RS-232, 1 X RS-232/422/485
	LAN	2 x RJ-45
	Audio / Video	3.5mm phone jack connector x 2 (Line-out, Mic-in) / HDMI, VGA (Optional Display Port)
	Control Keys	Rear bottom: Power on /off at top (See Picture)
	Power Input	9-36Vdc, GX12-4p-with a lock, aviation socket, and 2.1mm
Power	Power Adapter	External, 100 watts, universal 100 ~240V AC in, 12V DC out, 8.33A
	Temperature	Operating Temperature: 0~50° (12V DC ,) / Storage Temperature: -20~60°
Environmental	Humidity	Operating & Storage: 10 ~ 90%, non-condensing
	Water / Dust Resistance	IP65 or IP66 at front with Proper Sealing Gasket
	Housing	Front bezel is Aluminum, others are SECC with black coating
Mechanical Characteristics	Dimensions (Net: MM)	(Net: mm) 297 (H) x 236.6 (V) x 56.5(T) Recommended Cutout 290mm x 230mm
	Weights (Net: kg)	(Net: kg) 2.65Kg , Mounting Panel mount, Chassis, VESA (75 x75)
Certification	CE, FCC	

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ADDITIONAL OPTIONS

Included	1. Wifi Module 802.11 a/b/g/n/ac
	2. Bluetooth Module 4.2
	3. HDMI Out x1
	4. VGA Out x1
	5. USB-C 2.0 x2
	6. NanoFlowX Conformal Coating
Add on Options	1. LTE Cellular 4G or 5G
	2.
Customization	1. Custom Color or Finish
	2. VGA Output changed for Display Port Output

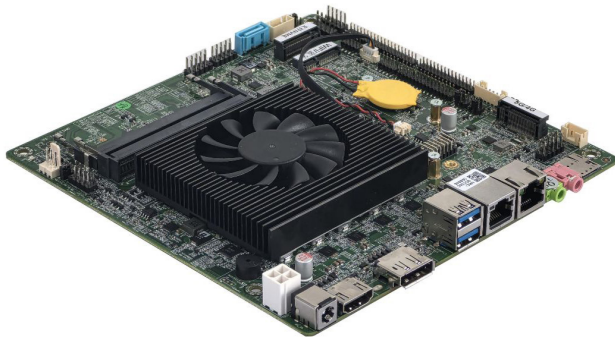
ORDER INFORMATION

Item	Touch	Specifications
PPC-PM121LC.01	PCAP Touch	12.1" Core I3-1215U + 16GB RAM + 256GB M.2+WIFI
PPC-PM121LC.02	PCAP Touch	12.1" Core I7-Ultra7 + 16GB RAM / 512GB M.2+WIFI + 4G LTE

DP+HDMI Schematic diagram of dual network interface ↓ (Q12U/P/H Q13U/P/H Consistent interface)



Q12U Q13U Schematic diagram ↓

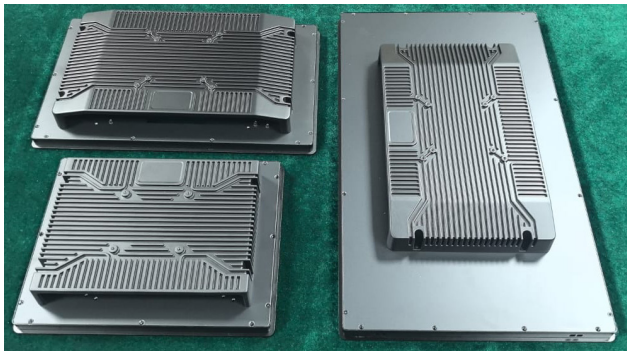
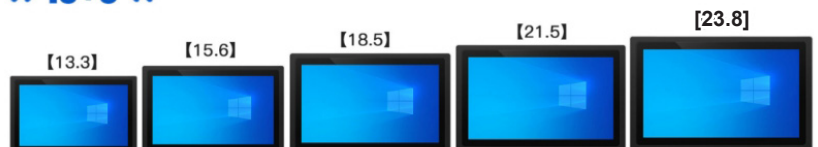


Other Sizes and Aspect Ratios Available

» 4:3 «



» 16:9 «





More Pictures

