

PPC2-C121-ADLP

12.1" Fanless Panel PC with Intel® Alder Lake P Processor



Features

- » 12th Gen Intel® Core™ Mobile i7/i5/i3 Processors
- » PCAP with USB interface (anti-UV/AG coating)
- » Dual M.2 (M.2 M Key) support
- » Newly Designed Panel Mount Kit
- » Support Gloved and Wet Hand Operation

Specifications

| System | |
|---------------------------------|--|
| CPU | 12th Generation Intel® Alder Lake-P Core™ i7/i5/i3 Processor |
| Memory Ext. | Dual channel On board LPDDR4x 8G |
| I/O Interface | |
| Ethernet | LAN1: Intel® I225V/I226V 2.5GbE controller LAN2: Intel® I225-LM/I226-LM 2.5GbE controller (Intel AMT) |
| Expansion | 1 x M.2 M key 2242 (PCIe Gen4 x4) 1 x M.2 M key 2280 (PCIe Gen4 x4) 1 x M.2 E key 2230 (PCIe + USB signal) |
| Power | |
| Input | 12V DC |
| Power adapter | 84W Power adapter |
| Environment | |
| Operating Temperature | -10°C ~ 50°C |
| Safety & EMC | CE/EMC, FCC, UKCA |
| Humidity | 10% ~ 95%@40°C, non-condensing |
| Storage Temperature | -20°C ~ 70°C |
| IP Level | Front panel IP65 |
| Physical Characteristics | |
| Color | Black |
| Mounting | VESA 100, Panel, Wall, Rack, Stand and Arm |
| Construction | Aluminum die casting + SECC |
| LCD | |
| Size | 12.1" (4:3) |
| Resolution | 1024 (W) x 768 (H) |
| Brightness (cd/m ²) | 500 cd/m ² |
| Contrast Ratio | 1000:1 |
| LCD Color | 16.2M |
| Pixel Pitch (mm) | 0.24 x 0.24 |
| Viewing Angle (H-V) | 178°/178° |
| Backlight MTBF | 30,000 hours |
| Touch | |
| Touch Screen | PCAP with USB interface (anti-UV/AG coating) |
| Touch Controller | EETI EXC 81 Series |
| Other Features | |

| | |
|----------------|----------------------------------|
| System Cooling | Fanless |
| TPM | Intel® Platform Trust Technology |
| I/O Interface | |
| I/O Interface | 2 x RS-232 (by DB9) |
| | 2 x RS-232/422/485 (by DB9) |
| | 1 x USB 2.0 |
| | 2 x USB 3.2 Gen1x1 |
| | 1 x HDMI™ |
| | 2 x LAN (2.5GbE) |
| | 1 x DC Input Jack (12V) |
| | 1 x Reset Button |
| | 1 x AT/ATX switch |
| | 2 x USB 3.2 Gen2 |
| OS Support | |
| OS Support | Windows10/11 IoT, Linux |

Ordering Information

| | |
|--------------------------|--|
| PPC2-C121-ADLP-i7/8G-R10 | 12.1" 500cd/m ² 1024x768 Fanless Panel PC with 12th Generation Intel® Core™ i7-1260P Processor,8GB LPDDR4 on-board, PCAP touch,12V DC,R10 |
| PPC2-C121-ADLP-i5/8G-R10 | 12.1" 500cd/m ² 1024x768 Fanless Panel PC with 12th Generation Intel® Core™ i5-1240P Processor,8GB LPDDR4 on-board, PCAP touch,12V DC,R10 |
| PPC2-C121-ADLP-i3/8G-R10 | 12.1" 500cd/m ² 1024x768 Fanless Panel PC with 12th Generation Intel® Core™ i3-1220P on-board Processor,TDP 28W,8GB LPDDR4x on-board, PCAP touch,12V DC,R10 |

Packing List

| | |
|--------------------|---------------------|
| 1 x PPC2-C121-ADLP | 1 x Power Cord |
| 1 x Power Adapter | 1 x Panel Mount Kit |
| 1 x QIG | 1 x Screw Pack |