

PPC2-C12-EHL

12" Fanless Panel PC with Intel® Celeron® Processor J6412



Features

- » Intel® Elkhart Lake Platform
- » Dual M.2 (M.2 B Key & M.2 M Key) support
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Newly Designed Panel Mount Kit

Specifications

| System | |
|---------------------------------|--|
| Cooling method / System Fan | Fanless |
| CPU | Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz / TDP 10W |
| On-board Memory | on-board dual-channel LPDDR4x 8GB |
| Storage | 1 x M.2 2280 M-key (PCIe Gen3 x2) 1 x 2.5" HDD/SSD drive bay |
| I/O Interface | |
| Ethernet | 2 x 2.5GbE LAN via Intel® I225V |
| Expansion | 1 x M.2 2242/2280 B key (PCIe Gen3 x1 + USB 3.0) 1 x M.2 B key 2242/2280 (PCIe Gen3 x2 + USB 2.0) |
| Environment | |
| Operating Temperature | -10°C ~ 60°C |
| Safety & EMC | CE, FCC Class A, UKCA |
| Humidity | 10% ~ 95%, non-condensing |
| Storage Temperature | -20°C ~ 60°C |
| Physical Characteristics | |
| Color | Black |
| Mounting | VESA 75/100, Panel, Wall, Rack, Stand and Arm |
| Dimensions (LxWxH) (mm) | 322.2 x 262.2 x 53 |
| Net Weight | 3.095 Kg |
| LCD | |
| Size | 12" (4:3) |
| Resolution | 1024 (W) x 768 (H) |
| Brightness (cd/m ²) | 500 cd/m ² |
| Contrast Ratio | 700:1 |
| LCD Color | 16.2M |
| Pixel Pitch (mm) | 0.24 x 0.24 |
| Viewing Angle (H-V) | 160°/140° |
| Backlight MTBF | 50,000 hours |
| Touch | |
| Touch Screen | Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves) Surface hardness: 7H |

| | |
|------------------|---|
| Touch Controller | EETI 80 series |
| Other Features | |
| TPM | Intel® Platform Trust Technology |
| I/O Interface | |
| I/O Interface | 1 x RS-232/422/485 (by DB9) |
| | 4 x USB 2.0 |
| | 1 x HDMI™ (up to 3840*2160 @30Hz) |
| | 2 x LAN - LAN1: Intel® I225V 2.5GbE controller LAN2: Intel® I225V 2.5GbE controller |
| | 1 x Reset Button |
| | 1 x Power Switch |
| | 1 x AT/ATX switch |
| | 1 x Clear CMOS Button |
| | 3 x RS-232 (by DB9) |
| | 2 x Power In - 1 x 12V-24V DC jack 1 x Power terminal block (2-pin) |
| | 2 x USB 3.2 Gen2x1 (10Gb/s (Type A)) |
| OS Support | |
| OS Support | Windows 10 IOT |
| | Linux |

Ordering Information

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|------------------------|--|
| PPC2-C12-EHL-J1/8G-R10 | 12.1" 500 cd/cm ² 1024x768 Panel PC with Intel® Celeron® Processor J6412, 8GB LPDDR4x on-board, HDMI™ output, black, 12-24V DC input, projected capacitive touchscreen with AG, R10 |
|------------------------|--|

Packing List

| | |
|-------------------|---------------------|
| 1 x PPC2-C12-EHL | 1 x Power Cord |
| 1 x Power Adapter | 1 x Panel Mount Kit |
| 1 x QIG | 1 x Screw Pack |