

PPC2-CW123-EHL

12.3" 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 | 8GB dual-channel on-board LPDDR4x |
| Storage | 1 x M.2 2242 M-key (PCIe Gen3 x2) |
| I/O Interface | |
| Ethernet | 2 x 2.5GbE LAN via Intel I225-V |
| Expansion | 1 x M.2 2242/2280 B key (PCIe Gen3 x1 + USB 3.0) |
| Power | |
| Power adapter | 60W power adapter |
| Environment | |
| Operating Temperature | -10°C ~ 60°C |
| Operating Vibration | MIL-STD-810G 514.6C-1 (with SSD) |
| Operating Shock | Half-sine wave shock 5G; 11ms; 100 shocks per axis |
| Safety & EMC | CE, FCC Class A |
| Humidity | 10% ~ 95%@40°C, non-condensing |
| Storage Temperature | -20°C ~ 60°C |
| IP Level | IP 65 compliant front panel |
| Physical Characteristics | |
| Color | Black |
| Mounting | VESA 75/100 |
| | Panel, Wall, Rack, Stand and Arm |
| LCD | |
| Size | 12.3" |
| Resolution | 1920 x 720 |
| Brightness (cd/m2) | 850 |
| Contrast Ratio | 1000:1 |
| LCD Color | 16.7M |
| Pixel Pitch (mm) | 0.152 x 0.152 |
| Viewing Angle (H-V) | 160°/170° |
| 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 8X |

| I/O Interface | |
|---------------|--|
| I/O Interface | 1 x RS-232/422/485 (by DB9) |
| | 2 x USB 2.0 |
| | 1 x HDMI™ |
| | 2 x LAN |
| | 1 x Reset Button |
| | 1 x Power Switch |
| | 1 x AT/ATX switch |
| | 1 x Clear CMOS Button |
| | 1 x RS-232 (by DB9) |
| | 2 x Power In - 1 x 12V-24V power jack 1 x Power terminal block (2-pin) |
| | 2 x USB 3.2 Gen2x1 (10Gb/s(Type A)) |

Ordering Information

| | |
|--------------------------|---|
| PPC2-CW123-EHL-J1/8G-R10 | 12.3" 850 cd/cm ² 1920x720 Fanless Panel PC with Intel® Celeron® Processor J6412, TDP 10W, 8GB LPDDR4x on-board, HDMI™ output, black, 12-24V DC input, projected capacitive touchscreen with AG, R10 |
|--------------------------|---|

Packing List

| | |
|--------------------|---------------------|
| 1 x PPC2-CW123-EHL | 1 x Power Cord |
| 1 x Power Adapter | 1 x Panel Mount Kit |
| 1 x QIG | 1 x Screw Pack |