

# PPC2-CW22-ADL

21.5" High performance Panel PC with 12th Gen Intel® Core™ i9/i7/i5/i3 and Pentium® Processor



## Features

- » 12th Gen Intel® Processors Platform
- » PCIe Gen4 x16 slot (x16 signal)
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Newly Designed Panel Mount Kit
- » New Graphical BIOS Interface

## Specifications

|                                 |  |
|---------------------------------|--|
| <b>System</b>                   |  |
| CPU                             | 12th Gen Intel® Core™ i9/i7/i5/i3 and Pentium® Processor (LGA1700) TDP 65W |
| Chipset                         | Intel H610   |
| Memory Ext.                     | Two 260-pin 3200 MHz Dual-Channel DDR4 SO-DIMM (MAX:64GB)                  |
| Storage                         | 1 x 2.5" SATA HDD bay (Height limit 7.5mm)                                 |
| <b>I/O Interface</b>            |  |
| Ethernet                        | 2 x 2.5GbE LAN via Intel® I225V  |
| Expansion                       | 1 x PCIe Gen4 x 16 Slot with x16 Signal                                    |
|                                 | 1 x M.2 E-Key 2242 (PCIe Gen3 x 1 + CNVI)                                  |
|                                 | 1 x M.2 M Key 2242/2280 NVMe (PCIe Gen3 x 4)                               |
| <b>Power</b>                    |  |
| Power Supply                    | » AC input ATX power supply  |
|                                 | » 250 W power supply   |
|                                 | - Input: 100V~240V AC, 47Hz-63Hz   |
|                                 | - Output (max.): 3.3V@6A, 5V@12A, 12V@17A, -12V@0.5A,+5Vsb@2A              |
|                                 | » Support AT/ATX mode  |
|                                 | » ErP/EuP Compliant  |
| <b>Environment</b>              |  |
| Operating Temperature           | -10°C ~ 50°C   |
| Safety & EMC                    | CE, FCC Class A, UKCA  |
| Humidity                        | 10% ~ 95%@40°C, non-condensing   |
| Storage Temperature             | -20°C ~ 60°C   |
| IP Level                        | IP 65 compliant front panel  |
| <b>Physical Characteristics</b> |  |
| Color                           | Black  |
| Mounting                        | VESA 100, Panel, Wall, Rack, Stand and Arm                                 |
| Dimensions (LxWxH) (mm)         | 550.40 x 358.40 x 81.66  |
| Net Weight                      | 8.205kg  |
| Construction                    | Aluminum front cover and sheet metal rear cover                            |
| <b>LCD</b>                      |  |
| Size                            | 21.5" (16:9)   |
| Resolution                      | 1920 (W) x 1080 (H)  |
| Brightness (cd/m2)              | 350 cd/m <sup>2</sup>  |
| Contrast Ratio                  | 1000:1   |
| LCD Color                       | 16.7M  |

|                       |  |
|-----------------------|--|
| Pixel Pitch (mm)      | 0.3 x 0.3  |
| Viewing Angle (H-V)   | 170°/160°  |
| Backlight MTBF        | 50000 hours  |
| <b>Touch</b>          |  |
| Touch Screen          | » Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves)<br>» Surface hardness: 7H |
| Touch Controller      | EETI 80 series   |
| <b>Other Features</b> |  |
| System Cooling        | Smart Fan (2 x CPU FAN, 2 x SYS FAN)   |
| TPM                   | Intel® Platform Trust Technology   |
| <b>I/O Interface</b>  |  |
| I/O Interface         | 1 x AT/ATX switch  |
|                       | 1 x Clear CMOS Button  |
|                       | 1 x HDMI™ (2.0, up to 3840*2160 @60Hz)   |
|                       | 2 x LAN (Intel® I225V 2.5GbE controller)   |
|                       | 1 x Power Switch   |
|                       | 1 x Reset Button   |
|                       | 4 x RS-232 (by DB9)  |
|                       | 1 x RS-232/422/485 (by DB9)  |
|                       | 2 x USB 2.0 (Type-A)   |
|                       | 2 x USB 3.2 Gen1x1 (Type-A, 5Gb/s)   |
|                       | 2 x USB 3.2 Gen2x1 (Type-A, 10Gb/s)  |
| <b>OS Support</b>     |  |
| OS Support            | Windows 10 IoT   |
|                       | Linux  |

## Ordering Information

|                         |  |
|-------------------------|--|
| PPC2-CW22-ADL-i7/8G-R10 | 21.5" 350 cd/m <sup>2</sup> 1920x1080 Panel PC with 12th Intel® Core™ i7-12700 Processor (25M Cache, up to 4.90 GHz), TDP 65W, 8GB DDR4, HDMI™ Output, 1*PCIe Gen4 x 16 Slot, 1*M.2 2280, ATX/AT power supply, PCAP touchscreen with AG, R10 |
| PPC2-CW22-ADL-i5/8G-R10 | 21.5" 350 cd/m <sup>2</sup> 1920x1080 Panel PC with 12th Intel® Core™ i5-12400 Processor (18M Cache, up to 4.40 GHz), TDP 65W, 8GB DDR4, HDMI™ Output, 1*PCIe Gen4 x 16 Slot, 1*M.2 2280, ATX/AT power supply, PCAP touchscreen with AG, R10 |
| PPC2-CW22-ADL-i3/8G-R10 | 21.5" 350 cd/m <sup>2</sup> 1920x1080 Panel PC with 12th Intel® Core™ i3-12100 Processor (12M Cache, up to 4.30 GHz), TDP 60W, 8GB DDR4, HDMI™ Output, 1*PCIe Gen4 x 16 Slot, 1*M.2 2280, ATX/AT power supply, PCAP touchscreen with AG, R10 |
| PPC2-CW22-ADL-P/8G-R10  | 21.5" 350 cd/m <sup>2</sup> 1920x1080 Panel PC with 12th Intel® Pentium® Gold G7400 Processor (6M Cache, 3.70 GHz), TDP 46W, 8GB DDR4, HDMI™ Output, 1*PCIe Gen4 x 16 Slot, 1*M.2 2280, ATX/AT power supply, PCAP touchscreen with AG, R10   |

## Packing List

|                     |                |
|---------------------|----------------|
| 1 x PPC2-CW22-ADL   | 1 x Power Cord |
| 1 x Panel Mount Kit | 1 x Screw Pack |
| 1 x QIG             |                |