

## PPC2-CW15-ADL

15.6" 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

| System                   |                                                                            |
|--------------------------|----------------------------------------------------------------------------|
| 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)                                 |
| I/O Interface            |                                                                            |
| 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)                               |
| Power                    |                                                                            |
| 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                                                        |
| Environment              |                                                                            |
| Operating Temperature    | -10°C ~ 60°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                                                |
| Physical Characteristics |                                                                            |
| Color                    | Black                                                                      |
| Mounting                 | VESA 100, Panel, Wall, Rack, Stand and Arm                                 |
| Dimensions (LxWxH) (mm)  | 378.5 x 303 x 76.16                                                        |
| Net Weight               | 5.715kg                                                                    |
| Construction             | Aluminum front cover and sheet metal rear cover                            |
| LCD                      |                                                                            |
| Size                     | 15.6" (16:9)                                                               |
| Resolution               | 1920 (W) x 1080 (H)                                                        |
| Brightness (cd/m2)       | 450 cd/m <sup>2</sup>                                                      |
| Contrast Ratio           | 500:1                                                                      |
| LCD Color                | 16.2M                                                                      |

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| Pixel Pitch (mm)    | 0.252 x 0.252                                                                         |
| Viewing Angle (H-V) | 170°/160°                                                                             |
| Backlight MTBF      | 50000 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      |                                                                                       |
| System Cooling      | Smart Fan (2 x CPU FAN, 2 x SYS FAN)                                                  |
| TPM                 | Intel® Platform Trust Technology                                                      |
| I/O Interface       |                                                                                       |
| 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)                                                   |
| OS Support          |                                                                                       |
| OS Support          | Windows 10 IoT                                                                        |
|                     | Linux                                                                                 |

## Ordering Information

|                         |                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PPC2-CW15-ADL-P/4G-R10  | 15.6" 400 cd/m² 1920x1080 Panel PC with 12th Intel® Pentium® Gold G7400 Processor (6M Cache, 3.70 GHz),TDP 46W,4GB DDR4,HDMI Output,1*PCIe Gen4 x 16 Slot,1*M.2 2280,ATX/AT power supply,projected capacitive touchscreen with AG,R10   |
| PPC2-CW15-ADL-i7/4G-R10 | 15.6" 400 cd/m² 1920x1080 Panel PC with 12th Intel® Core™ i7-12700 Processor (25M Cache, up to 4.90 GHz),TDP 65W,4GB DDR4,HDMI Output,1*PCIe Gen4 x 16 Slot,1*M.2 2280,ATX/AT power supply,projected capacitive touchscreen with AG,R10 |
| PPC2-CW15-ADL-i5/4G-R10 | 15.6" 400 cd/m² 1920x1080 Panel PC with 12th Intel® Core™ i5-12400 Processor (18M Cache, up to 4.40 GHz),TDP 65W,4GB DDR4,HDMI Output,1*PCIe Gen4 x 16 Slot,1*M.2 2280,ATX/AT power supply,projected capacitive touchscreen with AG,R10 |
| PPC2-CW15-ADL-i3/4G-R10 | 15.6" 400 cd/m² 1920x1080 Panel PC with 12th Intel® Core™ i3-12100 Processor (12M Cache, up to 4.30 GHz),TDP 60W,4GB DDR4,HDMI Output,1*PCIe Gen4 x 16 Slot,1*M.2 2280,ATX/AT power supply,projected capacitive touchscreen with AG,R10 |

## Packing List

|                     |                |
|---------------------|----------------|
| 1 x PPC2-CW15-ADL   | 1 x Power Cord |
| 1 x Panel Mount Kit | 1 x Screw Pack |
| 1 x QIG             |                |