

PPC2-CW19-ADL

18.5" 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

| 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) | 468.80 x 288.20 x 82 |
| Net Weight | 6.965kg |
| Construction | Aluminum front cover and sheet metal rear cover |
| LCD | |
| Size | 18.5" (16:9) |
| Resolution | 1920 (W) x 1080 (H) |
| Brightness (cd/m ²) | 350 cd/m ² |
| 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 |
| 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

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|-------------------------|--|
| PPC2-CW19-ADL-i7/8G-R10 | 18.5" 400 cd/m ² 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-CW19-ADL-i5/8G-R10 | 18.5" 400 cd/m ² 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-CW19-ADL-i3/8G-R10 | 18.5" 400 cd/m ² 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-CW19-ADL-P/8G-R10 | 18.5" 400 cd/m ² 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

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|---------------------|----------------|
| 1 x PPC2-CW19-ADL | 1 x Power Cord |
| 1 x Panel Mount Kit | 1 x Screw Pack |
| 1 x QIG | |