

PPC-FW22C-Q370

21.5" Intel® Coffee Lake panel PC



Features

- » 21.5" Panel PC with 8th Generation LGA 1151 Intel® Core™ i7/i5/i3 and Pentium® processor
- » Four hot-swappable and accessible HDD drive bays, support RAID 0/1/5/10
- » Two PCIe 3.0 by 4 and two PCIe 3.0 by 8 slots
- » Dual M.2 2280 PCIe Gen 3.0 x4 NVMe™ SSD support
- » QTS-Gateway support

Specifications

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|---------------------------------|--|
| Display | |
| Backlight MTBF(hrs) | 30000 |
| Brightness(cd/m2) | 250 |
| Contrast Ratio | 1000:1 |
| LCD Size | 21.5" |
| Max Resolution | 1920x1080 |
| Environment | |
| Humidity | 5% ~95%, non-condensing |
| IP Level | IP66 compliant front panel |
| Operating Temperature | 0°C ~ 50°C (with SSD and TDP 65W processor) 0°C ~ 40°C (with HDD or add-on cards without fan) |
| Safety & EMC | CE, FCC |
| Storage Temperature | -20°C ~ 60°C |
| Expansion Slots | |
| Expansion Slots | 2 x PCIe 3.0 by 8 (by 16 slot) 2 x PCIe 3.0 by 4 (maximum card size supported: 68 mm x 167 mm) |
| Form factor | |
| Form factor | 8th Generation Intel Core™ i7/i5/i3 processors in the LGA 1151 Intel® 300 Series Chipsets Q370 |
| I/O Interface | |
| Ethernet | Intel® I211AT Ethernet controllers |
| Other Features | |
| TPM | Support(2x10pin, P=2.54mm) |
| Physical Characteristics | |
| Color | Front frame: Cyan-blue (PSM 296C); Others: Black C |
| Cutout Dimensions | 533x341 |
| Dimensions (LxWxH) (mm) | 551x359x118 |
| Mounting | Panel/Rack mount |
| Net Weight | 10.6 |

| Power | |
|-----------------------------|---|
| Power Supply | AC input ATX power supply |
| | 1. 250 W power supply |
| | - Input: 115VAC~230VAC, 50/60Hz |
| | - Output (max.): 3.3V@12A, 5V@14A, 12V@25A, -12V@0.3A,+5Vsb@3A |
| | 2. 350 W power supply (Build to Order) |
| | - Input: 115VAC~264VAC, 50/60Hz |
| | - Output (max.): 3.3V@14A, 5V@16A, 12V@29A, -12V@0.3A,+5Vsb@3A |
| | - Efficiency: Full load (100%) 87%, Typical load (50%) 90%, Light load (20%) 87% |
| Storage | |
| Storage | 4 x Hot-swappable SATA 6G/s HDD/SSD bay (support RAID 0/1/5/10) |
| | 2 x M.2 M-key (2280, PCIe 3.0 x4), support NVMe SSD |
| System | |
| Chipset | Intel® 300 Series Chipsets Q370 |
| Cooling method / System Fan | System fan |
| CPU | 8th Generation LGA1151 Intel® Core™ i7/i5/i3 and Pentium® CPU |
| Memory Max. | Two 288-pin 2666/2400 MHz dual-channel unbuffered DDR4 SDRAM DIMM slots (system max. 64 GB) |
| Touch | |
| Touch Controller | EETI EXC3188 |
| Touch Screen | 10-point Projected capacitive touch window, 6H (Anti-UV, Anti-glare Surface) |
| I/O Interface | |
| I/O Interface | 1 x AT/ATX switch |
| | 1 x HDMI™ |
| | 2 x LAN |
| | 1 x Line out |
| | 1 x Mic |
| | 1 x Power Switch |
| | 1 x Reset Button |
| | 2 x RS-232 |
| | 6 x USB 3.0 |

Ordering Information

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|-----------------------------|---|
| PPC-FW22C-Q370-i7/PC/25-R10 | 21.5" 250cd/m ² 1920 x 1080 AI modular Panel PC, Intel® Core™ i7-8700T Processor (6-core,12-thread,2.4 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 250W PSU, R10 |
| PPC-FW22C-Q370-i5/PC/25-R10 | 21.5" 250cd/m ² 1920 x 1080 AI modular Panel PC, Intel® Core™ i5-8500T Processor (6-core, 6-thread, 2.1 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 250W PSU, R10 |
| PPC-FW22C-Q370-i3/PC/25-R10 | 21.5" 250cd/m ² 1920 x 1080 AI modular Panel PC, Intel® Core™ i3-8100T Processor (4-core, 4-thread, 3.10 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 250W PSU, R10 |
| PPC-FW22C-Q370-P/PC/25-R10 | 21.5" 250cd/m ² 1920 x 1080 AI modular Panel PC, Intel® Pentium® Gold G5400T Processor (2-core, 4-thread, 3.10 GHz) TDP 35W, two PCIe x4 and two PCIe x8 slots, four HDD bays, 250W PSU, R10 |

Packing List

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|------------|--------------|
| Power cord | HDD door key |
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