PPC-FW24C-Q370

23.8” Intel® Coffee Lake panel PC

Features

» 23.8” 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

Display	
Backlight MTBF(hrs)	30000
Brightness(cd/m2)	250
Contrast Ratio	3000:1
LCD Size	23.8”
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 Genertion Intel CoreTM i7/i5/i3 porcessors 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	577.6x359.6
Dimensions (LxWxH) (mm)	600x382x119
Mounting	Panel/Rack mount
Net Weight	12

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

PPC-FW24C-Q370-i7/PC/25-R10	23.8" 250cd/m² 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-FW24C-Q370-i5/PC/25-R10	23.8" 250cd/m² 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-FW24C-Q370-i3/PC/25-R10	23.8" 250cd/m² 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-FW24C-Q370-P/PC/25-R10	23.8" 250cd/m² 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

Power cord	HDD door key