



Panel PC : New Panel PC MZ-PPCT02 Specification

The new Panel PC MZ-PPCT02 has been launched at June 1st, 2024. Meanwhile the legacy Panel PC MZ-PPCT01 has been phased out. The comparison of the new Panel PC MZ-PPCT02 and MZ-PPCT01 is as below.

PARAMETER	SPECIFICATIONS	SPECIFICATIONS
Honeywell Model Number	MZ-PPCT01	MZ-PPCT02
Form Factor	18.5-inch Panel Mount PC	18.5 Inches Panel Mount
System Hardware		
Processor	Intel Core i5-4300U, 1.9GHz	CORE I3 3.2G 6M 1200P 4C I3-10100E
Memory	8 GB DDR3	16 GB
Fan-less Design	Yes	Yes
Storage		
Onboard Storage	256 GB, Solid State Drive (SSD)	256 GB
SD Expansion	Yes	Yes
Display		
Panel Size	18.5 inch	18.5 Inch
Max resolution	1920x1080 (16:9)	1980 X 1080 (16:9)
Brightness	350 cd/m ²	350 Cd/M2
Maximum colors	16.7 Mn	16.7 M
touch screen	Projected capacitive (PCAP) multi touch	Projected capacitive (PCAP) multi touch
I/O Ports		
Ethernet	Integrated 2x 10/100/1000 Mbps ports	Integrated 2x 10/100/1000 Mbps ports
USB	2x USB 3.0	5 X USB 3.2 + 1 X USB2.0
Serial	1x RS-232, 1x RS-485/422/232	2 X RS 232/422/485
Video	1x HDMI 1.4	1 X Displayport 1.2
Audio	1x Line out	1x Line out /Mic in
Power		
Rated Input Voltage	24VDC, +/- 20%	24VDC
Power Consumption	28W Typical, 60W Max	Typ. 84W; Max. 198W (without Panel Module)
Physical		
Dimension	488 x 309 x 56.7 mm; 19.21" x 12.17" x 2.23" [W x H x D]	488 x 309 x 100.3 [W x H x D]
Panel Cutout	479.3 x 300.3 mm [W x H]	479.3 x 300.3 mm [W x H]
Weight	7Kg (15.44lbs)	9.9Kg (21.8lbs)
Environmental		
Ingress Protection	Front panel: IP66	Front panel: IP66
Operating Temperature	0°to 55°C (32° to 131 °F)	-10°to 40°C (14° to 104 °F)
Operating Humidity	10%-95% @40°C, non-condensing	10%-95% @40°C, non-condensing
Storage Temperature	-20° to 60°C (-4° to 140° F)	-20° to 70°C (-4° to 158° F)

PARAMETER	SPECIFICATIONS	SPECIFICATIONS
Operating Vibration	Random Vibration 0.0002 G ² /Hz,1.0 Grms, Test Frequency: 5-500Hz	Random Vibration 0.0002 G ² /Hz,1.0 Grms, Test Frequency: 5-500Hz
MTBF	LED backlight life 50,000 hrs	LED backlight life 50,000 hrs
Certification		
Europe	CE (LVD), CE (EMC), RoHS	CE (LVD), CE (EMC), RoHS
USA/ Canada	UL, cULus, Class I Div 2, FCC Class A level	UL, cULus, Class I Div 2, FCC Class A level
Others	BSMI, KC, RCM, CCC	BSMI, KC, RCM, CCC
Software Configuration		
Operating System	Windows 10 ENT 2016 LTSB (Pre-installed)	Windows 10 ENT 2019/2021 LTSC (Pre-installed)
Experian Software Options	Separately ordered based on following operation modes - Experian HS, LX/PC Panel Station OR - Experian Panel Server with Station (Base 550 points, up to 16KSCADA points), Regular and Runtime options *Supports Experian Backup & Restore (EBR)	Separately ordered based on following operation modes - Experian HS, LX/PC Panel Station OR - Experian Panel Server with Station (Base 550 points, up to 16KSCADA points), Regular and Runtime options *Supports Experian Backup & Restore (EBR)

Notice: please pay attention that the dimension of MZ-PPCT01 and MZ-PPCT02 is different.