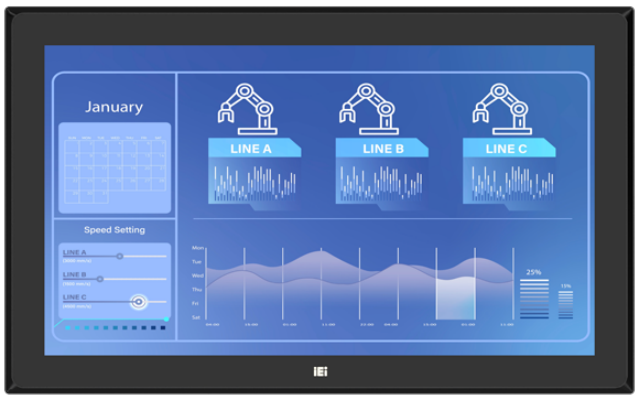
PPC2-CW19-ADL

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/m2)	350 cd/m²
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	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)
	1 x HDMI™ (2.0, up to 3840*2160 @60Hz)
	2 x LAN (Intel® I225V 2.5GbE controller)
	1 x Reset Button
	1 x Power Switch
	1 x AT/ATX switch
	1 x Clear CMOS Button
	2 x USB 3.2 Gen2x1 (Type-A, 10Gb/s)
OS Compatible	
OS Compatible	Windows 10 IoT
	Linux

Ordering Information

PPC2-CW19-ADL-i7/8G-R10	18.5" 400 cd/m² 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/m² 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/m² 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/m² 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

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