

**Model: PPC-17M1**  
**17'' Fanless Intel Core i3/i5/i7/i9 Touch Panel PC - 6 x COM; IP65 front protection; and PCI-E 3.0 X16;**



**Application:**

Factory Automation; Processor Automation; Power Generation; Marine / Offshore Industrial; Kiosk ...

**Main Feature**

- LED Panel - Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 17" SXGA LED Panel support 1280x1024 pixels
- Front Dimming Control (0-100%), PWR / Reset and USB port
- Support Intel® 12/13/14th Gen. Core™ i processor (LGA1700)
- NEMA4 / IP 65 compliant 6mm Aluminum front bezel
- Aesthetic ultra-thin front bezel for minimize stain water & dust
- 6 x COM (COM1 &2 supporting RS232/422/485)
- PCI-E 3.0 X16 Expansion slots
- Panel (Flush) mounting with clip
- Meet marine standard IEC60945

Specification	
Product Model	PPC-17M1
CPU	Support Intel®LGA1700 Socket Core Celeron/i3/i5/i7/i9 Processor
Chipset	Intel H610
Memory	2 x DDR4 SO-DIMM Socket up to 64GB
Storage	Space for 1 x 2.5" HDD/SSD SATA 3.0, and M.2 Key M 2260/2280 NVME PCIE3.0 X4
Display <i>(Optional: upgrade to Sunlight)</i>	Display Type : 17" SXGA <u>LED Panel</u> LCD Resolution : 1280 x 1024

<b>Readable, 1,000nit brightness)</b>	Luminance : 300 cd/m2 View Angel : 140° (H), 130° (V)
<b>Audio</b>	Realtek ® ALC897, 6.1 channel surround audio
<b>LAN</b>	2 x Intel® i210AT, Gigabit LAN Controller
<b>USB / PS2 port</b>	1 x USB 2.0 (front), and 2 x USB 2.0 (rear) + 4 x USB 3.0 (Rear), 1 x PS2
<b>COM port</b>	2 x RS232/422/485 (COM 1 & 2 - Selectable), and 4 x RS232
<b>Graphic</b>	Intel HD Graphic Accelerator, with VGA and HDMI 1.4 output
<b>Expansive interface</b>	PCI-E 3.0 X16; 1 x M.2 Key E 2230 WIFI
<b>Front and Rear I/O port</b>	2 x RJ45; 6 x USB 2.0/3.0; 1 x VGA; 1 x HDMI; 1 x Lin-in / Lin-out; 2 x COM (Optional 6 x COM), 1 x PS2, 1 x Power Switch/Reset; 1 x DC input terminal
<b>Supporting OS</b>	Microsoft® Windows 10 LTSC, Microsoft® Windows 11, Linux
<b>Touch Screen (Optional: PCT Touch with AR Glass)</b>	Touch Type 5-wire analog resistive, with optional projected capacitive touch Light Transmission 80+/-5% Controller USB interface Durability 35 million touches
<b>Wireless LAN ( optional )</b>	M.2 Key E 2230 WIFI Module with Antenna
<b>Power Supply</b>	12-24VDC input with 110-240VAC Adapter
<b>Construction</b>	Heavy duty steel and aluminum front panel
<b>Environment</b>	Operating temperature: -15°C to 60°C Relative humidity: 10% to 90%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak( 11m sec)
<b>Compliance</b>	CE; FCC; ROHS
<b>Dimension W x H x D ( mm )</b>	432 x 358 x 115

## Ordering Information

<b>PPC-17M1</b>	17" Industrial Fanless Touch Panel PC, with PCI-E 3.0 X16 Expansion slots
<b>Optional - i3</b>	Intel Core i3 Processor i3 - 12100T to i3 -14100T
<b>Optional - i5</b>	Intel Core i5 Processor i5 - 12400T to i5 -14400T
<b>Optional - i7</b>	Intel Core i7 Processor 73 - 12700T to i7 -14700T
<b>Optional - RAM</b>	8 to 64GB DDR4 SO-DIMM RAM
<b>Optional - HB</b>	upgrade to Sunlight Readable, 1,000nit brightness
<b>Optional - SSD / HDD</b>	128 GB to 2TB SSD / 500GB to 1TB 2.5" SATA HDD
<b>Optional - OS</b>	Microsoft® Windows 10 LTSC, Microsoft® Windows 11, Linux

**Structure Diagram (Mounting Hole / Cut-Off Size: 420 x 346 mm)**

