

PPC-1272PT 12.1" TFT PPC with Low Power 1 Ghz CPU, VGA / AGP 8x / 64M Video RAM / Hardware MPEG-II / Dual LAN / Audio / 4 x USB 2.0 / 4 x COM / 1x PCI slot.



**100% water-proof front
IP- 66, 65, 56, NEMA- 4, 12
Low power 1Ghz CPU**



Anti-Vibration & Anti-Shock



Meet VESA-75 & 100)



I/O ports with PCI slot



12.1" TFT Panel PC with 1Ghz CPU / optional Touch / LCD / VGA / 2 x LAN / 4 x COM / 4 x USB 2.0 / Audio

General specifications

TFT LCD

12.1" color TFT , 800 X 600, 200- 250 cd/m²

Water-Proof for Front Panel

Water-Proof 100% Front Panel.
Meet IP-65, 56; NAMA-4, 12 water resistant regulatory EIA standard

Front Bezel

10mm ultra thick Aluminum-alloy metal sheet.

Surface Treatment on Front Bezel

Highest level anti-oxidization anodizing treatment, Sand-blasting and Hairline polishing.

Color of Front Bezel

Standard color is Stainless Steel Silver or Black

Rear Housing

Rugged 1.2mm ultra thick steel metal sheet with beige white painting.

Optional : aluminum-alloy for better heatsink or stainless steel is available.

Wall-mounting methods

- VESA-75, 100 standard
- Four extra hook holes for quick wall hanging
- 8 threaded holes at the edge of front bezel for wall-mounting.

Touch Screen (Optional)

6-Wire long life Resistive touch screen

Embedded Mainboard - NASA-6822

Industrial and military grade newest generation embedded EBX all-in-one CPU board.

CPU - Low Power high speed 1Ghz

Low temperature High speed 1Ghz VIA Nehemiah CPU

It is strongly recommended to use this one for a very long life and high performance.

System Chipset

The highest-level VIA CLE 266 chipset.
North bridge : VT8622/23, South bridge : VT 8235 and ITE 8705 x 2 chips.

Memory (system) - 256 / 512MB DDR RAM for your optional choice

Support **DDR** (Double Data Rate) high speed RAM memory up to 512MB.

Video Display

AGP - **AGP 8X** supported
Ultra high speed AGP 8X which is 16 to 64 times faster than PCI.

Video Memory - 64MB share memory

64MB video memory for ultimate high speed for 3D / 2D graphics alteration.

Hardware MPEG-II built in

Hardware MPEG-II engine built in supporting high speed movie and video playback.

ActiveX 8.0 and 8.1 supported

Support ActiveX 8.0 & 8.1 for high speed Gaming.

Audio / Sound

Built in high power 5W supporting 3D stereo high quality sound effect.

Dual Ethernet Network

Built in Dual fast 100/10 Mbps Ethernet.

PCMCIA & CF slot for optional

This is an optional item for PCMCIA cardbus slot and Compact Flash socket for further expansion purpose (for example : wireless LAN)

HDD - 20 / 40 / 60 GB slim for option

This is an optional item.

CD-ROM - slim type CD-ROM 24X

This is an optional item up.

4 X Serial ports - 4 x COM ports

3 x RS232 ports and 1 x RS232/422/485.

USB 2.0 ultra high speed port

4 x USB 2.0 high speed ports. It is 40 times faster than USB 1.0 and 1.1 versions.

The speed of **USB 2.0** is 480Mbps.

PCI Expansion slot with riser card :

This PCI slot provide a PCMCIA slot

For wireless or many applications

Parallel Port

LPT port for Printer connection.

Keyboard / Mouse

One PS/2 K/B and one PS/2 mouse.

Vibration Resistance

5 - 17 Hz, 0.1" double amplitude displacement,

17-500 Hz, 1.5G acceleration peak to peak.

Shock Resistance

10G acceleration peak to peak (11 msec duration)

Power Supply

We have 5 basic power supplies for customers to choose from.

These 5 basic types are as follows :

1. Standard : 110-240VAC
2. DC Type : 12VDC - for taxi, car
3. DC Type : 24VDC - for truck, bus, boat
4. DC Type : 36 - 48VDC - for train, vessel, etc.
5. DC Tyep : 72 - 240VDC - for others.

Estimated Dimension (WxHxD)

310(W) x243(H) x 75 (D) mm

(12.2" x 9.5" x 2.95")

Operating Temperature

0 to 55°C (32 to 131°F)

Ordering information :

PPC-1272T