

Panel PPC-712T 7" TFT PPC with Low Power 1Ghz CPU / VGA / AGP8x / 2xLAN / 4xUSB 2.0 / 4xCOM / Audio



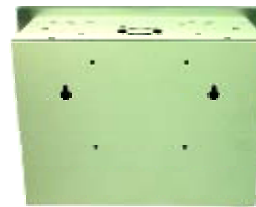
IP- 66, 65, 56, NEMA- 4, 12
Low power 1Ghz CPU

Industrial / military grade
Water-proof front panel



Side View

Anti-Vibration design
Anti-shock design



Rear View

VESA-75 & 100
compliant



I/O ports are
shown at the right hand



7" TFT Panel PC with 1Ghz CPU / Touch / LCD / VGA / AGP 8X / 64M VRAM / HW MPEG-2 / 2 x LAN / 4 x COM / 4 x USB 2.0 / Audio

General specifications

TFT LCD

7" Japan Panasonic or Hitachi 16:9 ratio
TFT LCD display With 200 cd/m²
lumination.

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 wall mounting.
- VESA-100 wall mounting.
- hook holes for quick wall hanging.
- 8 threaded holes at the edge of front bezel for
wall-mounting.

Touch Screen (Optional)

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 8 X 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.

Industrial / Military grade

Industrial and military grade high quality
panel PC withstand up to 65 degree C or
Higher. Anti-vibration / anti-shock design.

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.

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.

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 Typen : 72 - 240VDC - for others.