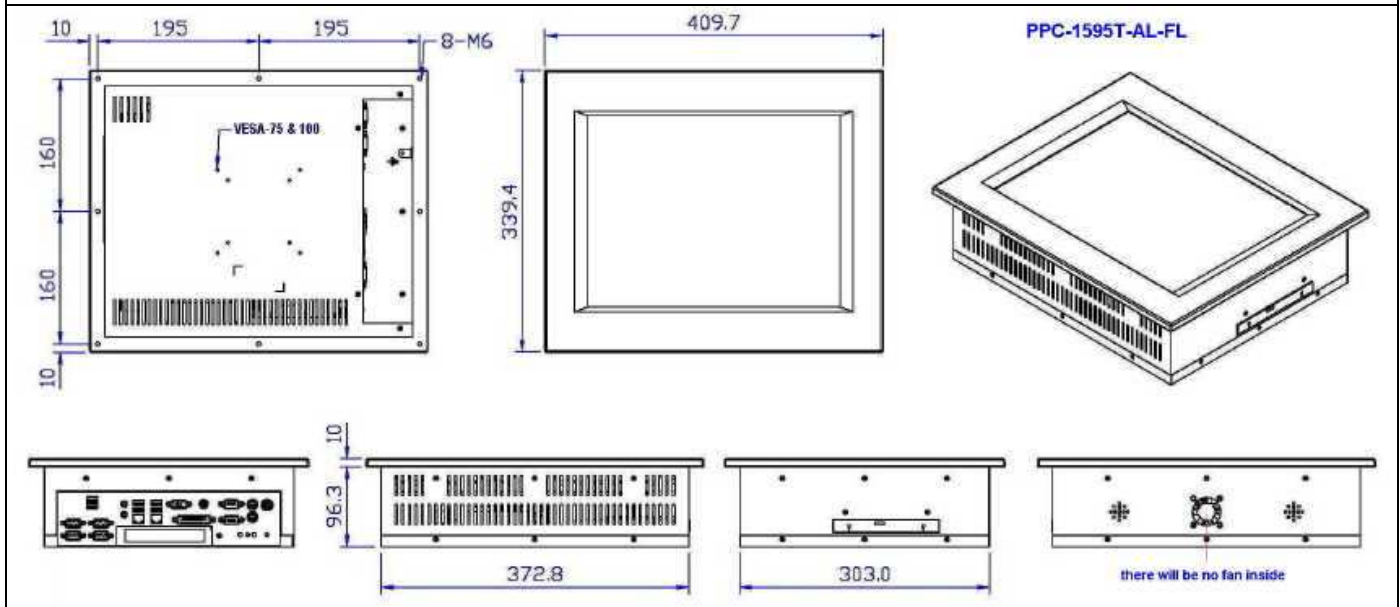
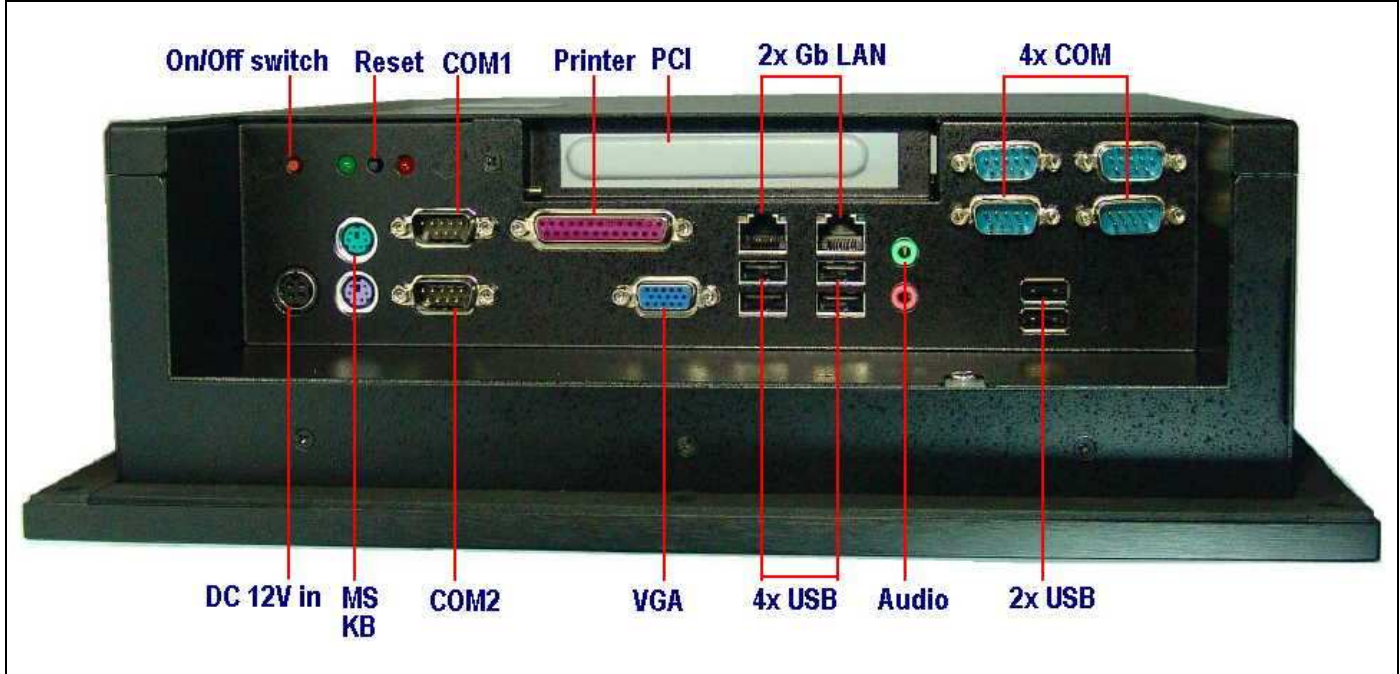


# NAGASAKI PPC-1595T-AL

Industrial / Military-grade Rugged 15" PPC, with Intel Core Duo 2.0 GHz CPU, 512MB DDR-2 / 667MHz high speed RAM, 80G SATA high speed anti-shock slim HDD, Touch screen, VGA, Dual Giga bit LAN, 5 x RS232 + 1 x RS232 / 422 / 485, 8 x USB2.0, PCI slot, CF slot, stereo Speakers, PS2 KB, PS2 Mouse, Printer port, ... etc.

			
<ul style="list-style-type: none"> <li>- 100% water-proof front</li> <li>- IP-65,66, 67, 68, NEMA 4,12</li> <li>- Solid thick Aluminum front bezel</li> <li>- Intel Low Power 1.2GHz CPU</li> </ul>	<ul style="list-style-type: none"> <li>- Very high stability and reliability</li> <li>- Standard color : Black</li> <li>- Optional color : silver</li> </ul>	<ul style="list-style-type: none"> <li>- VESA-75, 100 wall-mounting</li> <li>- Quick panel mounting design</li> <li>- Auto power on after AC power loss</li> <li>- Remote start up</li> </ul>	<p>Super slim design</p> <ul style="list-style-type: none"> <li>- 1 x CF slot</li> <li>- Mini PCI slot for wireless LAN</li> </ul>



## **CPU :**

Intel new-generation 65nm Core Duo Mobile 1.6GHz CPU.  
(Optional : Mobile 1.86GHz, 2.0GHz CPU)

## **Chipset :**

Intel 945-GME chipset and integrated Intel 950-GMA 3D high speed graphics engine

## **LCD Panel**

15" TFT LCD, 1024 x 768 resolution, 450 ~ 500 cd/m2 high brightness LCD, 16.2 million true colors, 50,000 hours backlight  
Option :

- a) 1700 cd/m2 sunlight-readable LCD display
- b) 600 cd/m2 transfective sun-readable display

## **Aluminum Front bezel and housing**

10mm solid thick aluminum front bezel.  
Enclosure : rugged steel construction housing

## **Water-Resistant Front Panel**

Meet NEMA-4, IP-65, 66, 67, 68, 100% water and dust protection rating.

## **Vibration and Shock resistant**

Meets MIL-STD-810F military vibration and shock standards.  
Extra cost is required if you need a test report or certificate

## **Panel-mount and Wall-mount :**

Meet VESA-75, 100 wall mount standard and Panel mounting standard.

## **Touch Screen :**

5-Wire high impact resistive touch screen, 4096 x 4096 ultra high resolution.  
Option :

- a) Capacitive touch screen
- b) Vandal-proof touch screen

## **Industrial grade quality**

This is an industrial-military grade mainboard which is highly stable and reliable for 10 – 20 years of operation.

## **Memory (system) :**

Support ultra high speed DDR-2 / 667 MHz RAM from 512MB, 1GB, 2GB, up to 4GB .

## **HDD :**

Support high speed slim size anti-shock 80G / 160G SATA HDD.

## **Video chipset :**

Intel 950-GMA engine support high speed 3D graphics acceleration.

## **Dual Independent Display and Screen Rotation :**

Support . Dual Independent Display and Screen Rotation

## **DVI Interface :**

If you need a DVI interface other than VGA port, it is also available to put the DVI port in with extra cost.

## **Ethernet Network**

Support Dual Giga bit LAN at 10 / 100 / 1000 Mbps high speed Ethernet networking.

## **COM (Serial) ports : 6 x COM ports**

Support 6 serial ports : 5 x RS232 plus 1 x RS232 / 422 / 485.

## **USB port : 8 x USB 2.0**

There are 8 x USB 2.0 high speed ports. 6 x USB are at the I/O port area. 2 x USB reserved for touch screen interface.

## **Speakers / Audio:**

Built in 2 stereo speakers. Support microphone and line-out jack at the I/O port area.

## **PCI Expansion slot**

Support one PCI slot for future expansion purpose.

## **Compact Flash (CF) slot**

Support 1 x CF slot for CF-1 and CF-2 memory cards.

## **CD-ROM (optional):**

This is an optional slim size CD-ROM

## **LPT / Parallel Port :**

This Printer port support printer interface.

## **Digital Input / Output**

Option : Support 8 channel Digital Inputs and Outputs.  
You can have 8 x Digital Inputs or 8 Digital Outputs.  
Or 4 Digital Inputs and 4 Digital outputs.

## **Operating Temperature :**

- Support -10 to +50 degree C (100% Fanless)
- Support -10 to +60 degree C (with Fan)
- Support Auto power on after AC power loss.
- Support remote power on through internet.
- Optional 8-bit Digital Input and Digital output.

## **Shock and Vibration Test standard**

Meet MIL-STD-810F military shock and vibration standards.

## **Power Supply :**

Universal power supply supporting all AC 110 – 240V. DC power supplies are also available for your options.

## **Wall-mount Kit**

Wall-mount kit is available for option

## **Ordering Information**