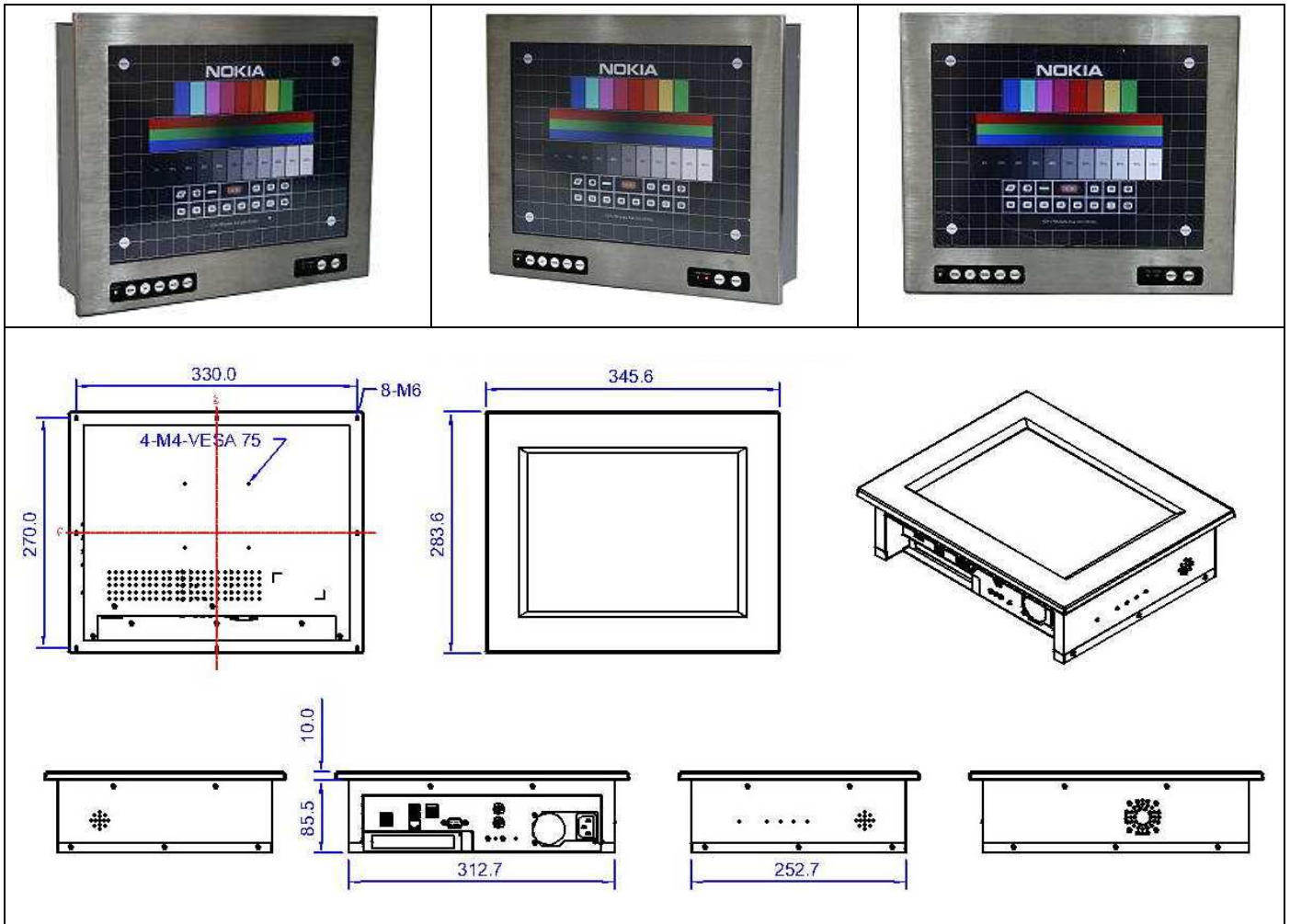


# Nagasaki PPC-1294-SB

12" Rugged Fanless Panel PC, Stainless Steel Bezel, Intel high speed 1.6GHz CPU, Touch, VGA, 3D Graphics, 2 Independent Displays, LAN, COM, 8 x USB, PS2 KB, PS2 Mouse, Printer, etc.



## Mechanical :

### Front Bezel

Stainless Steel bezel

### Chassis

Rugged Steel construction

### Handle (optional)

Optional handles

### IP Rating

Front : IP-65 rating  
Option : IP-65 all around

### Water-Resistant Front Panel

Meet NEMA-4, IP-65 water-resistant rating on front face.

### 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.

## IPC System :

### Mainboard :

Industrial and Military-grade high-end mainboard

### CPU :

Intel fanless high speed 1.6GHz CPU.

### System RAM :

Dual high speed DDR2 memory socket, support DDR2 RAM up to 1GB

### HDD and Flash Disk storage :

Standard : Slim 80GB anti-shock, anti-vibration HDD.  
Option : 2G, 4G flash disk DOM, support IDE or SATA-II

### System Chipset :

Intel 945GM chipset and ICH-7M

### 3D Graphics engine

Built in Intel GMA 950-3D high speed graphics engine,

### LCD Panel

12" TFT LCD, 800 x 600 resolution, 350 cd/m2 high brightness  
Option : 1024 x 768 resolution, 200 cd/m2 brightness display

**Memory (system) :**

Support ultra high speed DDR-2 RAM up to 1GB

**HDD :**

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

**Video chipset :**

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

**Video Memory :**

Support 256MB video share memory for high speed 3D graphics acceleration

**Dual Independent Display :**

Support dual Independent Display and Screen Rotation

**Ethernet Network**

Support 10 / 100 Mbps Ethernet networking.

**COM (Serial) ports :**

Support one RS232 serial (COM) port.

**USB port : 8 x USB 2.0**

There are 8 x USB 2.0 high speed port in total.  
6 x USB exposed at the I/O port area.  
2 x USB hidden inside reserved for touch 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.

**CD-ROM (optional):**

This is an optional slim size CD-ROM

**Operating Temperature**

Support -10 to +60 degree C.

**MIL-SPEC :**

Meet CE / FCC / RoHS

**Power Consumption :**

The total power consumption of PPC-1294T-AL is around 40 – 45 watts depending on the brightness of the display

**Power Supply :**

Built in industrial-grade power supply supporting AC 90 – 264V  
The wattage of the power supply is 250 Watts.