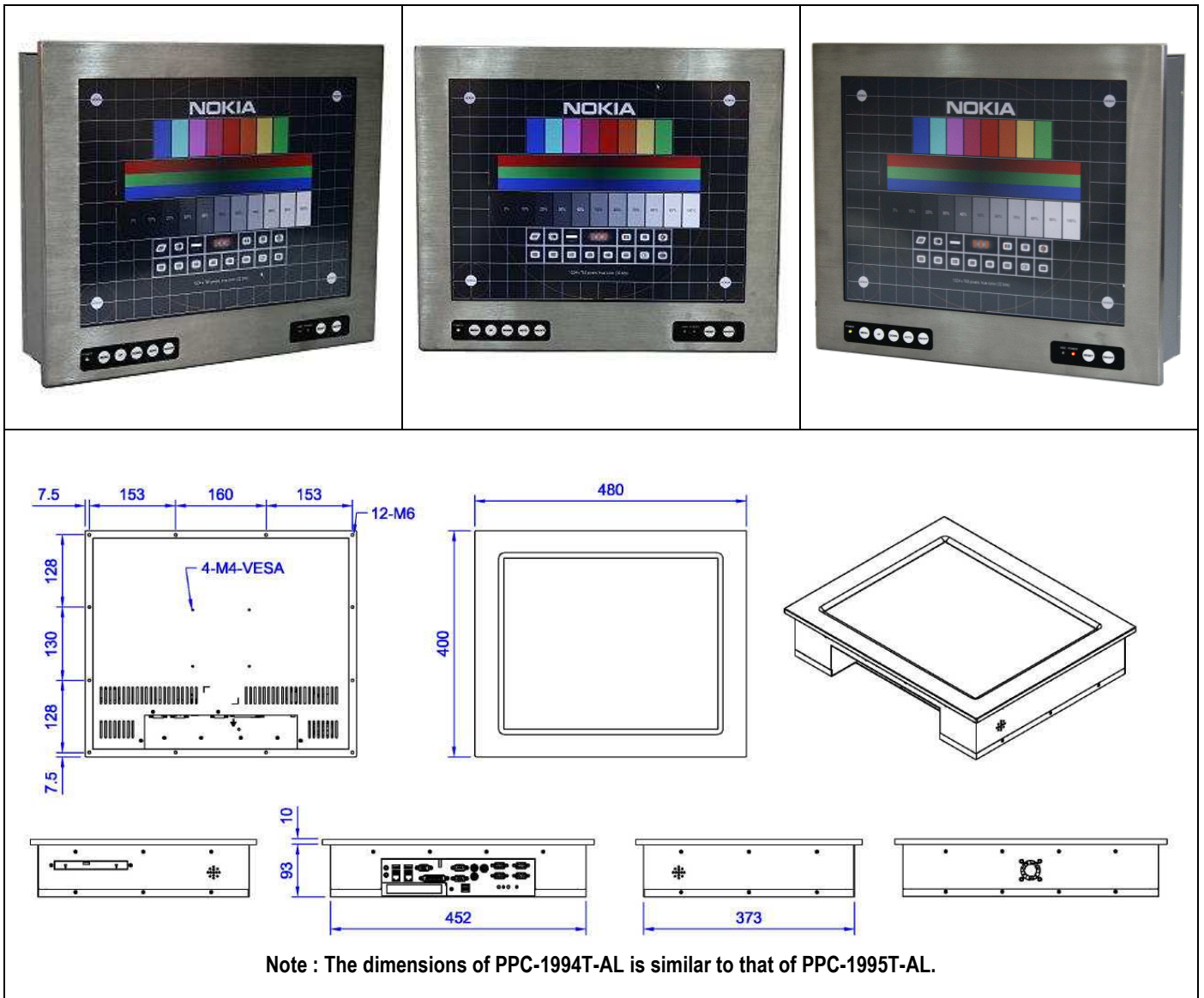


PPC-1994T-SS-DM (SS : stands for Stainless Steel)

19" Rugged Panel PC, Stainless Steel Bezel, support dimming function, 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 and housing

Stainless Steel polished bezel
Option : aluminum bezel

Chassis

Rugged Steel construction

IP Rating – water and dust protection level

Meet IP-65, NEMA-4 Rated water and dust Resistant level
Front : IP-65 rating ; Back / Sides : IP-54
Option : IP-65 all around

Wall-Mount

Support VESA-75 wall-mounting
Wall-mount Kit : optional

Touch Screen :

Standard : 5-wire Resistive Touch, 4096 x 4096 resolution
Option : Vandal proof Capacitive Touch, 4096 x 4096 resolution

IPC System :

Mainboard :

Industrial and Military-grade high-end mainboard

CPU :

Intel 45nm 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

19" TFT LCD, 1280 x 1024 resolution, 300 cd/m2 high brightness LCD, 16.2 million true colors, 50,000 hours backlight

Optional displays :

- a) 600 cd/m2 transfective sun-readable display
- b) 900 cd/m2 transfective sun-readable display

Touch Screen :

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

- a) Capacitive touch screen
- b) Infra-Red touch screen
- c) Vandal-Proof Touch screen

Dimming function

There are two dimming function :

- 1. 100% down to 0%
- 2. 100% down to 50%.

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.

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

LPT / Parallel Port :

This Printer port support printer interface.

Operating Temperature

Support -10 to +50 degree C.

MIL-SPEC :

Meet CE / FCC / RoHS

Power Consumption :

The total power consumption of PPC-1994T-AL is around 60 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.