

PPC-1595T-AL

Robust rugged industrial-military grade high-end 15" Panel PC, Intel Core solo, Core Duo, Core 2 Duo CPU

Specifications

Front bezel

Solid 10mm thick aluminum bezel support panel-mounting and IP-65, IP-66 water-resistant ratings.

Enclosure construction

Robust rugged steel construction

Industrial grade mainboard

This is an industrial-military grade high-end mainboard which is highly stable and reliable for 10 ~20 years of operation 24/7/365.

Panel-mount and Wall-mount

Support panel-mount, VESA-75 wall mount, ... etc.

IP Rating (Water-Resistant)

Meet IP-65, IP-66, NEMA-4, water and dust protection ratings

Touch Screen

5-Wire high impact resistive touch screen, 4096 x 4096 ultra high resolution. Infra-Red touch is available for extra cost..

LCD Panel

15" TFT LCD, 1024 x 768 resolution, 350 cd/m2 high brightness LCD, 16.2 million true colors, 50,000 hours backlight
System Chipset
Intel 945GME and ICH7Mchipset.

CPU : Intel CPU

There are many different types of industrial grade processors for you to choose from. Standard is Intel 1.6GHz CPU.
Intel Yonah low volt Mobile 1.6G, 1.73G, 1.8G CPU
Industrial-grade Core solo LV, Core Duo LV, Core 2 Duo LV, ... etc.

Memory (system) :

Standard : DDR2 high speed 1G, 2G, 3G, 4G RAM

HDD :

Standard : 160G anti-shock anti-vibration slim industrial-grade HDD

VGA and DVI-D port

VGA port support second monitor.
DVI-D port is available for your option.
Note : Please specify in your P/O if you do need a DVI port.

Ethernet Network

Built in Dual Giga bit Ethernet supporting 10 / 100 / 1000 Base-T LAN

Dual independent display

Support dual independent display with two different images
3D Graphics Acceleration engine (hardware)
Built in Intel GMA 950 3D graphics engine supporting DirectX 9.0 and Open GL 3.0 high speed 3D graphics acceleration.

Digital Input / Output (this is an optional item)

Optional 8 digital inputs / outputs ports available for your optional request. It supports the following three modes :
Mode 1 : 8 digital inputs
Mode 2 : 8 digital outputs
Mode 3 : 4 digital inputs and 4 digital outputs

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.

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

CF Slot (Compact Flash slot)

1 x CF slot supporting CF-I and CF-II flash disks.

CD-ROM / DVD-ROM (optional)

This is an optional slim size CD-ROM or DVD-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.

Watchdog Timer

Programmable watchdog from 1 ~ 255 seconds selectable in BIOS

O.S. Support

Windows XP Embedded, Windows XP Pro-Embedded, Windows XP, Windows XP Pro. 32 and 64-bit, Windows 2000, Vista 32bit, Vista 64bit, DOS 6.22
Linux 32bit, Linux 64bit

Operating Temperature

Support 0 to +50 degree C
Option : -30 to +70 degree C is available for extra cost

Note : Please specify in your P/O if you need

Environmental Test standard

Meet all kinds of industrial and military specifications.
Note : Please specify in your P/O if you need.
We can meet : MIL-STD-461E, MIL-STD-810F military and industrial shock and vibration, CE, FCC, EMC standards.

Power Supply

Standard power adapter : AC 90~264V input, DC12V output.

Video Memory

Support 128MB video share memory for 3D graphics high speed acceleration

Serial port

6 COM ports supporting 5 x RS232 plus 1 x RS422 / 485 / 232 serial ports.

USB 2.0 high speed port

8 x USB 2.0

Printer port

This Printer port support printer interface.

Keyboard port

1 x Keyboard port supporting PS/2 keyboard

Mouse port

1 x Mouse port supporting PS/2 mouse

Option : DC12V, DC24V, DC32V are also available for extra cost..

Note : Please specify in your P/O if you need DC12V, DC24V, or DC36V

Wall-mount Kit

Wall-mount kit is available for extra cost

100% Fanless is available for your option:

100% Fanless Panel PC is available for your option.

Note : Please specify in your P/O if you need

