

# PC HARDWARE TRAINER (Model : VTPC)



## Salient features:

- PC trainer mounted in all open fashion with open drawer for keyboard & mouse & LCD Monitor firmly supported on compact Aluminum profile flat demo Rack.
- For protection of PC motherboard transparent acrylic cover provided.
- Non-destructive Faults have been implemented through slider & Toggle switches mounted on 5 Panels to teach section wise faults & their troubleshooting.
- PC trainer may be used as regular lab PC.
- Trainer uses latest high speed processors & not outdated slow Pentiums.
- Set of Users Guide & PC H/W theory book provided with each unit.
- Trainer is modular panels for easy site servicing not close control; panel box no wiring is there & shrouded 4 mm banana patch cords & shrouded sockets arrangements for the safety of the students.

## Technical Specifications

### Enclosure / accessories :

Aluminum profile rack system with telescopic sliding drawer for keyboard, mouse & speakers.

Number of panels & their Function (No of fault switches):

A]

- 1.Serial: CTS, RTS, DSR, DTR, TXD, RXD.
- 2.Parallel: D0-D7, /Error, Strobe, Auto fed, initialize, Select, Busy, /ACK, select in.
- 3.PS2 keyboard: Vcc, CLK, Data.
- 4.PS2 Mouse: Vcc, CLK, Data.
- 5.USB: Vcc, D+, D-.

B]

- 1.SMPS: VRM, +12V, +5V, +3.3V, Standby, power good, P.S.ON, -12V.
- 2.VGA: H-sync, V-sync, Red missing, Blue missing, Green missing, R+G missing, G+B missing, R+B missing, blurred image.

C]

CMOS error

D]

- 1.HDD: TXP, TXN, RXN, RXP.
- 2.CD/DVD: TXP, TXN, RXN, RXP.

### System Specifications :

Subject to evolve / change as newer & high speed PC models appear in market.

CPU:- Intel Dual core (2.3 GHz)

Mother Board:- Intel Chipset

Memory (RAM):- 1GB

Hard disk:- Serial ATA (SATA) 500GB

Monitor:- LCD 15" Color

Keyboard:- PS2 keyboard

Mouse:- PS2 Optical Mouse

SMPS:- 450 Watts

CD/DVD R/W drive:- Serial ATA (SATA) interface

Sound card:- Built-in MB

Speaker:- Stereo Speakers

### Toolkit:

Cutter,Stripper,Small nose Plier,Blade Knife, Solder Gun with metal & Flux ,Digital Multi meter, Philips Screw driver set ,(each 1 No.)

### Warranty & Safety:

Inclusive of 1 Year of onsite warranty and trainer is modular panels for easy site servicing not close control; panel box no wiring is there and shrouded 4 mm banana patch cords and shrouded sockets arrangements for the safety of the students.