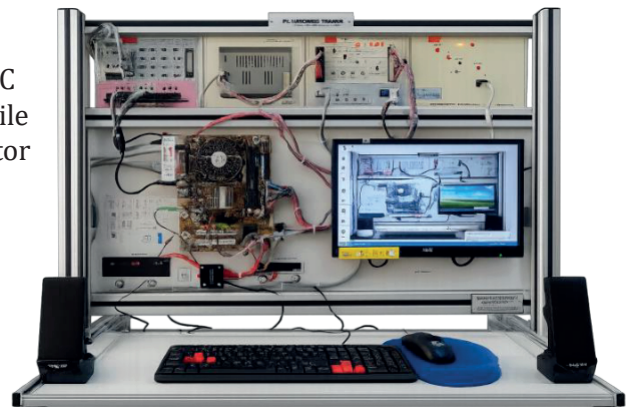


## Product Overview

The Desktop Troubleshooting Trainer (BT-03DTT) is a practical PC Hardware training system mounted on a compact aluminium profile demo rack with a drawer for keyboard and mouse. The LCD monitor is firmly supported, and a transparent acrylic cover protects the motherboard. Non-destructive faults are created using slider and toggle switches on five panels for section-wise troubleshooting practice. The system can also be used as a regular lab PC and is powered by the latest high-speed processors.



## Key Features

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 Trainer uses latest high speed processors & not outdated slow Pentiums.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.  
Enclosure/accessories: Aluminum profile rack system with telescopic sliding drawer fo keyboard, mouse and speakers.

## Technical Specifications

### Number of panels & their function (No. of fault switches):

PC1-Fault panel for Serial, Parallel, PS2, USB. (31 slide switches),

PC2 = SMPS Panel(8 toggle)

PC3 = Fault panel for SMPS & VGA. (14-10 slide +4 toggle),

PC4 = Fault panel for CMOS & front panel. (1 = 1 slide),

PC5= Fault Panel for Drives. (HDD, CD/DVD) (8=8 DIP).; Number of Faults = 54

### Fault Panels:

PC1: 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-

PC2 : SMPS: VRM, +12V, +5V, +3.3V, Standby, power good, P.S. ON, -12V,

PC3: VGA: H-sync, V-sync, Red missing. Blue missing, Green missing, R+G missing G+B missing R+B missing, blurred image.

PC4: CMOS error

PC5: 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 (2.7GHz), Mother Board- Intel Chipset, Minimum Memory (RAM) 2GB, 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.

### PC Specifications:

Processor-Intel (R) Dual Core or higher, Motherboard board Chipset: Intel® Chipset), Hard Disk: 500GB 7200RPM SATA, RAM: 4GB Dual Channel, VGA Graphics card: Built in, Optical Drive: 16X DVD+/-RW, Keyboard and mouse: USB device, Windows enhanced Keyboard, optical mouse with scroll button...

Network Adapter/Port: 10/100 Mbps, Fault Insertion (only for the reference/demo unit only),

Display: 19.5 inch Widescreen Flat Panel LCD Monitor

Toolkit: Cutter, Stripper, Small nose Plier, Blade Knife, Solder Gun with metal & Flux, Digital

Multi meter, Philips Screw driver set (each 1 No.)

Mechanical Dimension Wt/.: 960(L) \* 300(W) \* 720(H) | mm, Net Wt. = 30 Kg.

Warranty: 1 (One) Year