

PC HARDWARE TRAINER

GENERAL DESCRIPTION

The db-tech CHT-982 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 Trainer uses latest high speed processors & not outdated slow Pentiums.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.

● CHT-982 ●



Specification

Enclosure/Accessories: Aluminum profile rack system with telescopic sliding drawer for keyboard, mouse and speakers.

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

- PC1 = Fault panel for Serial, Parallel, PS2, USB.(31 = 31 slide switches)
- PC2= SMPS Panel
- 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).
- PC6 = Fault Panel for Lan / Ethernet (4 =4 SPDT slide switches)

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-
- PC3: 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.
- PC4 : CMOS error
- PC5: 1) HDD: TXP, TXN, RXN, RXP. 2) CD/DVD: TXP, TXN, RXN, RXP
- PC6: Lan / Ethernet Fault

System Specifications

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

CPU:- Intel Dual core (2 GHz), Mother Board:- Intel Chipset, Memory (RAM) 1GB, Hard disk:- Serial ATA (SATA) 500GB/1TB, 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

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

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) x 300 (W) x 720 (H) mm, Net Wt. = 30 Kg. Gross Wt. = 43 Kg