



**Sciencetech 2652 Multimedia Computer Training System** is designed to provide training on hardware and software of a Multimedia Computer( based on Intel processor (Core i3) CPU with experiments on Windows 10.)

### Features

- Easy identification of different parts and components of the system at a glance
- Learn installation, troubleshooting and fault finding
- Study different I/O ports of mother board of PC/AT computer on a PCB
- Easy measurement of voltages and observation of waveforms on test points
- More than 80 test point and 60 switched faults
- Soldering free fault creation and troubleshooting

### Scope of Learning

- To understand multimedia hardware system
- To observe different cables and connectors
- Learn BIOS configuration
- Hard disk installation and configuration
- To create and delete partitions of hard disk
- General backup techniques
- Diagnosing and fixing hard disk problems
- Installing a CD-ROM, CD-R, CD-RW, or DVD Drive.
- Configuration of internet
- Installing a sound card
- Handling I/O address conflicts
- Using add new hardware wizard
- Troubleshooting of printer
- Solving mouse and keyboard problems
- Power safety: Line noise protection and battery backup
- Installing memory module like RAM and HDD
- Learn to disassemble and assemble the computer

## Technical Specifications

### System

<b>CPU with fan</b>	:	Intel processor (Core i3)
<b>Mother board</b>	:	With Intel chipset
<b>Memory (RAM)</b>	:	4 GB DDR 3 RAM
<b>Display adaptor card</b>	:	Built in motherboard
<b>Hard disk</b>	:	1 TB (SATA)
<b>Monitor</b>	:	15" TFT colour VGA
<b>Keyboard</b>	:	Multimedia keyboard
<b>Mouse</b>	:	Scroll mouse (optical)
<b>SMPS</b>	:	450 watts
<b>DVD R/W drive (SATA)</b>	:	Included
Sound card	:	Built in motherboard
Speakers & MIC	:	Stereo speakers
Video camera	:	USB camera

### (B) Training package :

Training platform with test points and fault creating facilities in various sections of mother board (sound ports + com port + LPT (parallel port) + USB ports + VGA port).

Training solution includes product tutorial with interactive multimedia contents, experiments, installation and troubleshooting guide.

<b>Dimensions (mm)</b>	:	W 410 x D 470 x H 120
<b>Power Supply</b>	:	230 V AC, 50Hz
<b>Weight</b>	:	10 Kg (approximately)
<b>Operating conditions</b>	:	0-40 <sup>o</sup> C, 85% RH

### Package contains

Mains cord	-	2nos.
Web camera, speaker set	-	1 no. (each)
VGA monitor, mouse, keyboard, microphone, headphone	-	1 no. (each)
BNC to test probe cable	-	1 no.
Operating software - Windows 10 Professional	-	1 no. (License version)