

Computer Maintenance and Upgrading

10 Hour - Part I

Student Workbook

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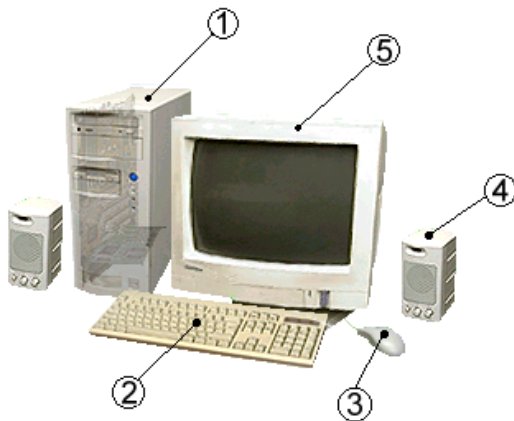
Written by: LJ Technical Dept

Virtual Computer Assembly Specifications

- | | |
|--------------------------------------|------------------------------------|
| Processor: Slot 1 | Video Card: AGP |
| Motherboard: ATX | Sound Card: 32-bit |
| Memory: 128MB DIMM | Modem: Internal |
| Expansion: 1 x AGP | Case: Tower |
| 3 x ISA | Display: 15 inch CRT |
| 4 x PCI | Keyboard: Standard |
| Drives: 3.5 inch floppy drive | Mouse: Standard |
| 40Gb hard disk drive | Speakers: Active (shielded) |
| 56x CD-ROM drive | |

Assignment 1 Computer Basics

Label the main parts of a computer system



- System Case containing:
.....
.....
.....
Drives and Expansion Cards
-
-
-
-

“The Complementary Metal Oxide Semiconductor (CMOS) chip saves the time and the computer’s settings”

Assignment 2 Main Board Components

“When you turn on the computer, the automatically examines each device and adjusts the system board settings to ensure the devices work properly.”

Assignment 3 *Disk Drives*

“If you install another floppy, the second drive is called and must be attached to the connector the twist in the cable.”

“One device must be set as the, while the other is set as the”

“The speed of a CD-ROM drive is indicated by a followed by an”

Assignment 4 *System Expansion*

“Most new video cards can display a resolution of at least x”

“Adding allows you to increase the capabilities of the sound card.”

“This lets you use the modem as a-..... telephone.”

Assignment 5 *External Devices*

“The computer case must be the same form factor as the and the”

“A monitor can display information using different resolutions and refresh rates.”

Name the two types of keyboards not listed in the CAI program.

.....
.....

Name the type of pointing device not listed in the CAI program.

.....

“Some speaker systems also include a, which produces-..... sounds.”