



ISDN NETWORKING TRAINER

MODEL - ISDNNET100

This trainer provides training of hardware and software theory of ISDN technology.



Comp-1



Comp-2

SPECIFICATIONS

(A) Computer Systems (2 Nos.)

- | | | |
|-------------------------|---|-----------------------------|
| 1. CPU with fan | : | Intel Pentium IV 3 GHz |
| 2. Mother Board | : | 200 MHZ FSB |
| 3. Memory (RAM) | : | 256 MB DDRAM |
| 4. Display Adaptor card | : | On Board AGP 8 MB |
| 5. Hard Disk | : | 80 GB ATA |
| 6. Floppy Disk Drive | : | 1.44 MB |
| 7. Monitor | : | 15" Colour SVGA |
| 8. Key board | : | 104 Keys Keyboard |
| 9. Mouse | : | Logitech 1st Mouse with pad |
| 10. SMPS | : | 200 Watts AT |

(B) ISDN Hardware

- | | | |
|--------------------------|---|-------|
| 1. ISDN Terminal adaptor | : | 2 No |
| 2. Analog Phones | : | 2 No. |

(C) Accessories

- | | | |
|---|---|---------------------------------------|
| : | : | ISDN Training Manual and software CD. |
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TWO REAL ISDN LINES ARE REQUIRED TO OPERATE THIS TRAINER.

EXPERIMENTS

1. To understand theory of ISDN
2. To understand OSI network layers
3. To understand ISDN Protocols
4. To understand different types of WAN Networks - by Signaling Methods:- Ethernet, Arcnet, Token Ring, Fast Ethernet, FDDI, Gigabit, ATM, ISDN
5. To understand different types of Networks - by Arrangement type :- Peer-to-Peer Network, Client-Server Network
6. To study different types of ISDN Cards
7. To study ISDN adaptor and interfacing methods-
8. To Study Installation procedure
9. To configure and install ISDN Cards - IRQ, I/O port address, Memory address
10. To install ISDN Software
11. To test ISDN installation
12. To connect analog phones on ISDN lines and talk to eachother.
13. To demonstrate and understand different types of faults

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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