

Chapter 10

Monitors:

Standards:

VGA

SVGA

Screen size

Refresh rate

Dot/pitch

Resolution:

LCD Panels

Dual Scan

Refreshed about 10 times a second

TFT (Active Matrix)

Separate Amp (transistor) for each pixel

Video Cards:

Video Buses:

AGP

PCI

33 or 66 Mhz

32 Bit

PCI-X
64Bit, 266 Mhz

ISA

Graphic Accelerators

MPEG decoding,
3d acceleration

Video Memory:
How much do you really need?

VRAM,WRAM,DDR

UMA

Installing a video card:



Types of Serial Ports:

Max Speed 115 Kbps

15 & 9 pin male connectors

COM 1	irq 4	03f8h
COM 2	irq 3	02f8h
COM 3	irq 4	03e8h
COM 4	irq 3	02e8h

The UART:

Type of Parallel Ports:

25-pin female

SPP
EPP
ECP
IEEE 1284

USB ports:

Installing a USB device:

IEEE 1394

Using PCI devices:

Where not to put PCI modems:

Types of keyboard connectors:

DIN and PS/2

How do you fix a jumpy mouse?