

Computer Hardware: What factors effect the price?

1) Processor: manufacturer, internal clock speed, on-board, ,

2) Motherboard: manufacturer, built-in features, e.g. RAID, multi-processor, on-board and, physical size,

3) Memory: format, size in bytes, manufacturer, bus speed in, ,

What else should be taken consideration when buying the above three items?

How does this type of hardware affect the efficiency of the computer?

Storage:

1) Hard Drive: IDE or, size in bytes, manufacturer, speed in,

2) Floppy disks: internal or connection by USB, or Universal ,

3) CDROM / DVD & recordables: capacity, speed,

4) Zip / Jazz / super- floppy disks: capacity, speed,

5) Tape streamers: capacity, speed,

These are likely to be used for home use, and
..... likely to be used for back-ups for business

Input Devices:

1) Keyboard:

2) Mouse:

3) Scanner: optical resolution in per

Also:

Tracker ball: £ , joystick: £ , touch pad: £ ,

microphone: £ , cameras: £ for a web-cam,

£ for a digital camera with a mega-pixel array,

£ for a handy-cam with -wire

Output Devices

1) VDU (or monitor): size in measured from

to, type: conventional, trinitron,,

Extras: touch screen: £ , with light pen: £ , (!!!!)

2) Graphics adapter: connector type, processor
and , on board

What are VGA, Super VGA and XGA?

How do these effect monitor settings, resolution, refresh rate?

3) Projection devices: they normally plug into the
output of the , and cost from £

4) Printer: number of, print quality in per
..... (dpi), print speed in per (ppm)
type: laser, dot matrix,

Where might have you seen a 'plotter' before?

5) Audio:

a) Sound cards: bit depth, number of channels,

b) Speech synthesizers (rare):

c) Headphones:

d) Self powered or USB speakers:

e) Surround Sound systems: