Analogue To Digital Connection
A ribbon cable connects the analogue and digital boards

Audio Output

Printer Output

Serial Bus
Also referred to as 'virtual slots', the serial bus allows you to add a variety of peripheral devices

External Disk Connector

Mouse Connector

APPLE MACINTOSH

PRICE	
£1,795 (excluding VAT)	
DIMENSIONS	
343×254×254mm (screen/disk drive cabinet)	
CPU	
Motorola 68000, 7.83 MHz	
MEMORY	
128K RAM, 64K ROM	
SCREEN	
Built-in monochrome monitor 512 × 342 pixels, windows, pull-down menus, 'icons'	
INTERFACES	
Mouse, printer, external disk drive, hi-fi amplifier, serial bus	
LANGUAGES AVAILABLE	
BASIC, COBOL, PASCAL	
KEYBOARD	
Typewriter-style, 59 keys, optional numeric pad	
DOCUMENTATION	
There is an operating manual with an audio cassette and 'guided tour' disk. Manuals are provided for MacPaint and MacWrite, which also include a combination disk and cassette guided tour.	
STRENGTHS	
The Mac has very powerful and easy-to-use software. The mouse makes operation very simple and straightforward. Streamlined component parts make servicing and updating very simple	
WEAKNESSES	
The Mac is a very expensive small computer and beyond the reach of many users. The single disk drive makes filing and disk operations slow and cumbersome. There is a lack of available software	

6522 I/O Adaptor
The 6522, also used for I/O control in the Apple IIe, handles the keyboard, mouse and 'real-time' clock circuits

Serial Communications Controller

Disk Controller
This chip controls the built-in Sony drive as well as the external drive, when added

CPU
The Motorola 68000. This chip performs internal operations 32 bits at a time, but sends and receives data at 16 bits

128K User RAM
These 16 chips can be replaced with 256K RAM chips, which would give the Macintosh a total of 512K of user memory. 128K is sufficient for existing applications, though

Outside Help
The external second disk drive, custom-made for Apple by Sony, is a valuable add-on for the Macintosh. Without it, many operations are slowed down by the need to swap disks. This external drive requires no interface and costs £402

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