

## Memotech Computers

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### Memotech MTX 500

Memotech's first contender for the home computer market looks like being a winner, especially if the promised extensions and CP/M arrive in good time.

The Standard  
Machine

CPU/Clock:

Z80A @ 4MHz.

**Memory:**

32K user RAM plus 16k dedicated video RAM.

**Operating System:**

16k ROM.

**BASIC:**

MTX BASIC; also LOGO, NODDY.

**Display:**

UHF TV and RGB video.

**Colour:**

16.

**Text Format:**

48 lines x 24 characters; (32 lines x 24 characters when mixed with graphics); 80-column option.

**UDG/HiRes:**

256 x 192, 32 "Sprites" moveable graphics).

**Sound:**

Three-voice sound with hifi output.

**Keyboard:**

79-key moving-key keyboard, including eight function keys plus separate numeric pad.

**Cassette:**

Save and Load @ 2400 Baud.

**Ports/Interfaces:**

Centronics printer port, TV and Video Monitor, two joystick ports, cassette port, sound port, games cartridge port.

### Suitability . . .

**as first computer:** expensive but good - 8/10.

**for games/graphics:** low resolution - 7/10.

**for business:** needs discs added - 5/10.

**for external control:** accessible - 8/10.

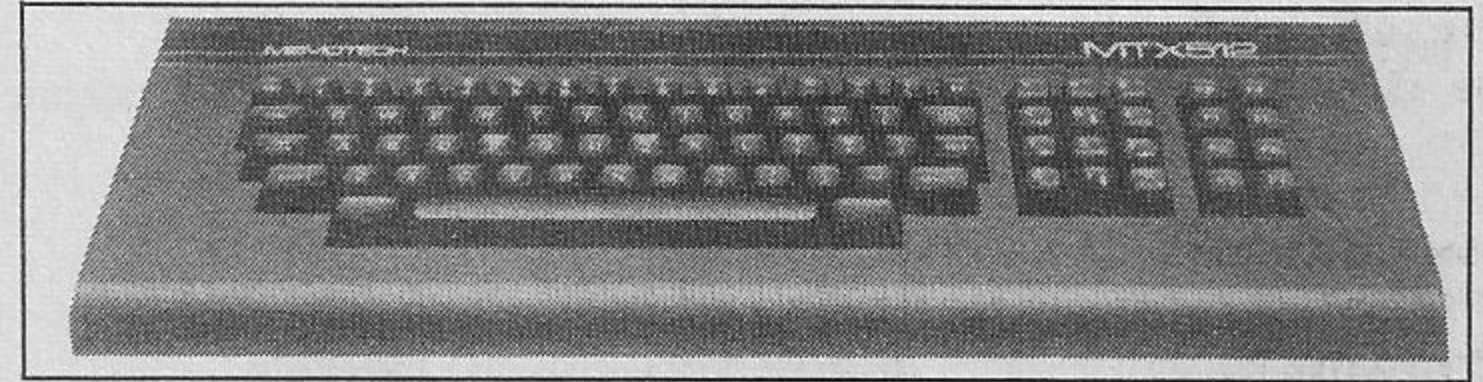
**for education/**

**science:** very robust - 8/10.

**Documentation:** more than most - 7/10.

**Software Support:** very little as yet - 5/10.

**Hardware Support:** little as yet - 7/10.



### Memotech MTX 512

As for the MTX 500, except:

**Memory:**

64K user RAM.

### Manufacturer's Expansions

As the MTX 500/512 is so new, there are few expansions as yet. **RS232 interfaces** for the two RS232 interface outputs are already an optional extra, as is Pascal as an add-on **ROM pack**, with FORTH promised for the near future. The range of ports indicates a good choice of add-ons for the future, and the **disc** options for the machine as listed as 5¼ and 8in floppy plus Winchester hard discs. The disc operating system is CP/M, which is still under development.