

**Printer Interface**

This socket provides a standard connection through which a printer can be attached to the computer

**Expansion Port**

This socket allows a wide range of devices to be connected to the Oric, including program cartridges and communications equipment

**Power Socket**

The power supply from the Oric's separate transformer is connected here

**Heatsink**

Electronic circuits can easily be damaged by high temperatures. This safely dissipates any excess heat generated

**ROM**

ROM memory (Read Only Memory) stores software permanently. The main function of these ROM chips is to store the BASIC programming language

**Microprocessor**

This chip is the workhorse that provides the computer with the ability to carry out computations. It is a 6502A microprocessor

**Input/Output**

This chip converts signals entering the Oric into a form usable by its CPU. Outgoing data is converted to the type of signal needed by printers and other devices

**Sound Chip**

A purpose designed integrated circuit enabling the computer to produce advanced sound effects

**Video Chip**

The Oric is known for its good colour. The chip generates a signal containing colour data. This is sent on via the modulator, to the television screen

**Speaker**

The sound quality is startling. The Oric uses its own loudspeaker rather than that of the television

**Oric-1****PRICE**

£129.95 for 16K model with starter pack

**SIZE**

280 x 178 x 150mm

**WEIGHT**

848g

**CPU**

6502A

**CLOCK SPEED**

1MHz

**MEMORY**

16 Kbytes of RAM expandable to 48 Kbytes.  
16 Kbytes ROM containing BASIC

**VIDEO DISPLAY**

4 modes: Text mode with 28 rows of 40 characters and 2 low-resolution graphics modes on the same grid; high-resolution mode with 200 x 240 dots

**INTERFACES**

TV connector, cassette and hi-fi connector, Centronics printer interface, RGB video, expansion connector

**LANGUAGE SUPPLIED**

BASIC

**OTHER LANGUAGES AVAILABLE**

FORTH

**COMES WITH**

Power supply unit with integral plug, aerial lead, cassette leads, game on cassette, manual

**KEYBOARD**

57 individual moving keys, including a space bar

**DOCUMENTATION**

The Oric comes with a BASIC programming manual that gives a nicely written introduction to the machine and its BASIC. The chapters on BASIC programming deal with the handling of numbers and words, and show how to use the Oric's colour graphics and sound facilities to good effect.

There are many short programs that are instructive on an elementary level. Appendices are a necessary way of organising the detailed information, but there is no index. All in all, the documentation is entirely adequate for the beginner