Monitor

Character Generation ROM

Disk Controller Board
Technically known as a
'Daughter Board' (the main
printed circuit board is called
the Mother Board), the disk
drive operation is controlled
from here

64 Kbyte RAM

Monitor Brightness Control

Monitor Contrast Control

External Power Supply

Reset Button

External Monitor Connector

Numeric Keypad

CHRIS STEVENS

OSBORNE-1

PRICE

£945 (£1145 for 80-col version)

SIZE

510×325×225mm

WEIGHT

10.5kg

CPU

Z80A

CLOCK SPEED

4MHz

MEMORY

64 Kbytes RAM
4 Kbytes ROM

VIDEO DISPLAY

24 rows of 52 characters visible
out of an actual 128×32 display

INTERFACES

RS232, IEEE, Modem

LANGUAGE SUPPLIED

BASIC, Z80 Assembler

OTHER LANGUAGES AVAILABLE

Any that will run under CP/M

COMES WITH

CP/M, Wordstar, CBASIC,
MBASIC, Mailmerge,
Supercalc, Manuals

KEYBOARD

Typewriter-style, 69 keys
including numeric keypad

DOCUMENTATION

Adam Osborne sold his publishing
company to McGraw-Hill in order
to finance the production of
Osborne computers, so it's not
surprising that the quality of the
manual is very high indeed. The
only failing is the lack of a
comprehensive index

Control Program/Monitor

Mainframe and mini-computers have benefited from the
existence of machine-independent operating systems ever since
the second generation of machines was introduced in the mid-
sixties, but it was to be a dozen years before such control
systems were available for microcomputers. Digital Research's
CP/M (Control Program/Monitor) was the first of these systems.
Designed for Intel's 8080 and the Zilog Z80 series of
microprocessors, it has a range of utility and housekeeping
programs, and also defines the ways in which running
programs may be interrupted and continued.

Another major advantage lies in the definition of file
structures and layouts, which the CP/M also handles. Using an
interchange program such as BSTAM, which reduces files of any
sort to their most basic form, it is possible to transfer programs
written for CP/M between machines, irrespective of their type or
specification. This means that a huge amount of software is
available to the CP/M user