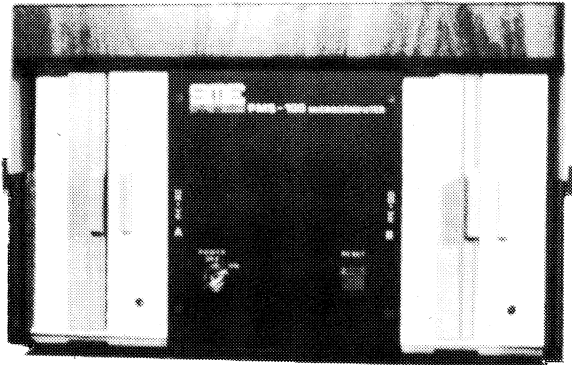# S100-Z80
MICROCOMPUTERS

PMS100

Introducing the PMS100 by SME Systems, an all new package microcomputer based on a Z80 CPU. This system will suit all users ranging from computer technicians, programmers and small to medium company accounting requirements.
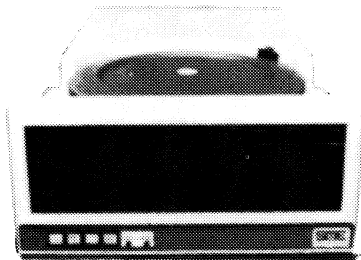

Technical specifications are as follows:

4 Mhz Z80 CPU, 64K Dynamic memory with bank select to allow up to 8 pages of 64K each, and up to 256K of RAM on a single board, RS232 serial port and 8 bit parallel ports. Up to 16K EPROM which can be switched out after power up to allow a full 64K of user RAM per bank. Dual QUME 8" d/sided drives running at single or double density. Density selection is automatically chosen by the use of double or single density formatted disks. External Mini drives can also be interfaced to the controller. The DOS supplied is compatible with standard CP/M and CDOS to allow a wide selection of software to be used, such as MBASIC, CBASIC, COBOL, ALGOL, PASCAL, FORTRAN, ASSEMBLY LANGUAGE, WORD PROCESSING, MULTI-USER, MULTITASKING, AND ACCOUNTING PACKAGES. All of which can be supplied from SME Systems.

The PMS100 is AUSTRALIAN designed and built and can be supplied as a basic system or as a complete turnkey system including terminal, printer and software.
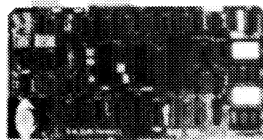
DATASOUTH DS180

The Datasouth Printer is a 180 cps dot matrix printer with a long list of features:— bi-directional/logic seeking, 1000 character buffer, 9 x 7 dot matrix, expanded characters, 1 to 6 paper copies, 96 ASCII char. set, 132 column print width, tractor feed (adjustable), top of form, 6/8 LPI, parallel & serial interface, perforations skip-over, self test, floor mount stand & paper holder.
$2995.00

TELEVIDEO TVI-950

The Televideo TVI 950 terminal is a smart 80 x 25 display with detached keyboard and a host of features:— advanced editing with wraparound, smooth scrolling, 15 baud rates, printer port (RS232), protected fields, underlining, split screen, programmable function keys, 15 special graphic characters, non-glare & tiltable screen.
$1595.00

S100 CARD CARE

R/M KIT $325.00
R/M A&T $425.00
B/M KIT $365.00
B/M A&T $465.00

Available in rack mount or bench mount. Built in power supply 8v @ 15 amps + & — 16v @ 2 amps, key switch, reset switch, fan cooled power supply, 11 slot mother board, supplied with 5—S100 edge connectors, all power supply rails are fuse protected. Also available in 6800 format.

CARTRIDGE DRIVE 5 + 5 MBYTE

This is the way to bring mainframe storage to the micro's. It allows hard disk advantages with built in back up. We have software & hardware to interface to S100, Apple & Tandy systems. Easy to install & operate, removable media, built in 512 byte buffer, high speed LSI controller, can daisy chain up to 4 drives.
$6250.00

DUAL 8" DRIVE

A new product from SME is a dual drive package available in a bench mount or rack mount style. It uses dual 8" double sided, double density compatible drives, in a low profile cabinet. Built in power supply, line filter & cooling fan. Drive interface is via a 50 way centronic type connector. This unit is supplied assembled & tested.
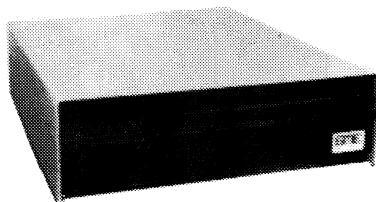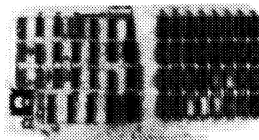
RACK MOUNT $1800.00
BENCH MOUNT $1750.00

SBC-400

Z80 single board computer, 4MHz, 16K EPROM, 1K RAM, 16K EPROM, 1 serial port, 1 input & 1 output parallel port, power on jump, 2K monitor 2716,4 channel counter/timer, software controlled baud rate generator, modem look alike, vectored interrupt.
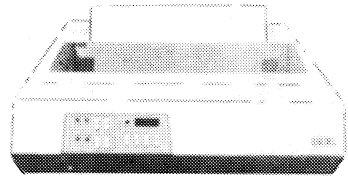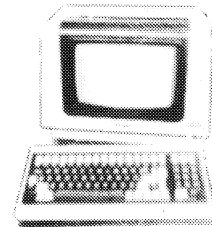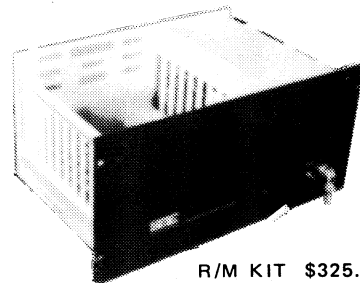
KIT $395.00 A&T $465.00

DRC-II

Bank select, 200 nS chips standard up to 4MHz speed, will accept 64K rams to give 256K per board, switch selectable boundaries, invisible refresh, phantom output disable, standard S100 plated thru holes, solder resist, components overlay.

KIT $650.00 A&T $750.00

FDC-II

Operates with single & double den. single & double sided drives & 8' or 5' drives in any combination of 4 drives simultaneously, phase lock loop data recovery, with SDOS operating system you can run all CP/M and CDOS programmes.

KIT $395.00 A&T $465.00

SPC-29

Dual serial ports with RS232 & TTV outputs, nine programmable parallel ports, wire wrap cross link area for parallel I/O, switch selected, plated thru holes, solder resist

KIT $205.00 A&T $245.00

2708 Eprom card K $85, A&T $98; Extender card K $35, A&T $48; Extender/Terminator K $85, A&T $105; Wire wrap card $38.50; FDC—I Disk controller K $295, A&T $345; Eprom programmer K $255 A&T $295; 8024 M. M. Video card K $315 A&T $385.