Burroughs B 80

New Product Announcement

B 80-50 SERIES: On January 31, 1977, Burroughs announced the B 80-50 Series of mini-disk computer systems. The new series maintains many of the same design concepts as the previously introduced B 80 systems, but runs under the Accounting Computer System (ACSYS) operating system, introduced concurrently with the B 80-50 Series. ACSYS enables existing Series L/TC cassette programs to run on B 80 systems using disk and/or cassettes without change to the program products, thus providing a growth path for Series L/TC users while at the same time protecting their software investment. Unlike the Computer Management System (CMS) used with previously introduced B 80 systems, ACSYS does not provide for multiprogramming.

Basic equipment on the B 80-50 systems includes two 1-million-byte Burroughs Super Minidisk Drives, one magnetic tape cassette drive, 28K bytes of MOS memory (12K user), either a 15-inch platen with a 60-cps matrix printer or a 25.6-inch platen with a 180-cps matrix printer, a "Self-Scan" display with 256 characters, and on-board diagnostics. Options include 1 or 2 additional 1-million-byte Super Minidisk Drives, 4.6 or 9.2 million bytes of cartridge disk storage, a second magnetic tape cassette drive, a maximum of 60K bytes of MOS memory in 4K-byte increments, either a 160- or 250-lpm line printer, and up to four data communication channels utilizing the same procedures as the TC 5100 terminal. All peripherals currently available for B 80 systems, with the exception of Burrough's Industry Compatible Mini-Disk (ICMD), are also available with the B 80-50 systems.

ACSYS incorporates complete software and utilities as currently used on the Burroughs TC 5100 plus other features to take advantage of the B 80 hardware capabilities. ACSYS software enables the use of up to four magnetic tape cassette stations, up to four data communications channels utilizing the same procedures as currently released with the TC 5100, one Self-Scan display, and one line printer. The objective of the ACSYS disk software is to provide for emulation of cassettes, so that user programs involving cassettes can use disk as a substitute recording medium with no programming changes.

Cassette emulation characteristics include sequential disk accessing, addressing of up to two dual disk drives (either Super Minidisks or cartridge disks), the capability to assign from 1 to 4 cassette files per disk, and compatibility between disk media initialized by the disk initializer (DISL5) and CMS system software (i.e., a disk initialized in an ACSYS environment can be recognized and read by a CMS program).

Although cassette emulation is intended to be transparent to the operator, the operation of the B 80-50 system depends on the system being emulated. For example, when emulating, a two-cassette system on disk, one cassette is assigned to each disk and is operationally identical to the all-cassette system. When emulating a three-cassette system on disk, two of the cassettes can be assigned to each of the two B 80-50 disks, and the third cassette can be assigned to the B 80-50's single cassette drive. When emulating a three- or four-cassette system, ACSYS allows up to four cassettes to be assigned per disk.

ACSYS is intended to provide instant portability for selected L/TC program products using console printer, keyboard, line printer, and cassette options. The products listed below are the BMS program products currently offered with ACSYS:

B 80 P04 Payroll
B 80 UTL Utility Billing System

PARSEL

General Ledger Packages B, C, and D
Accounts Receivable Packages A and B
Inventory Control Packages A, B, C, and D
Accounts Payable Packages A, B, C, D, and E
Invoicing Packages A, B, C, and D
Accounts Payable Packages A, B, C, D, and E
Invoicing Packages A, B, C, and D

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New Product Announcement

According to Burroughs, the L Series is still a viable product line and will remain in production for years. However, when Burroughs decides to discontinue the ledger-card-oriented L Series systems, the presence of the B 80-50 will ease the minds of those users concerned about the transition from cassettes to disk storage media.□

EQUIPMENT PRICES

		Purchase Price	Annual Maint.	Rental (1-year lease)*	Rental (5-year lease*)
B 80XXX-XXX	Each of the following B 80 packaged systems includes a minimum of: a 1-MHz CPU, 28K bytes of MOS memory (12K bytes of user memory), 1 tape cassette drive, 1 256-character Self-Scan display with controllers, 1 Super Mini-Disk Master drive with controller, and 1 Super Mini-Disk Slave drive.				
B 80051-111	Specified system with a 15-inch printing console (60-cps matrix printer)	$18,010	$1,549	$ 660	$570
B 80051-113	Specified system with a 15-inch printing console (60-cps matrix printer) and a 160-lpm line printer with controller	25,510	2,381	935	808
B 80054-111	Specified system with a 25.6-inch printing console (180-cps matrix printer)	20,510	1,729	752	650
B 80054-113	Specified system with a 25.6-inch printing console (180-cps matrix printer) and a 160-lpm line printer with controller	28,010	2,561	1,027	887
BD 4016**	Additional 4K bytes of MOS memory	400	59	13	12

SOFTWARE, SUPPORT, AND TRAINING

	One-Time License Fee	Monthly License Fee
ACSYS Operating System Software	2,000	55
Operator Training	300	—
Hardware Installation Support	450	—

* Rental prices include equipment maintenance.
**Please note that the price of the 4K-byte memory module has been reduced.