

BTI 5000

BTI 5000/ES

Interactive Computer Systems

Price List

June, 1981

U.S. Domestic Prices

BTI 5000/ES INTERACTIVE COMPUTER SYSTEM

The BTI 5000/ES is an entry system to the BTI 5000 product line. It may be expanded from its base configuration using system modules from the BTI 5000 Interactive Computer System.

In its base configuration, the BTI 5000/ES provides 10 Mbytes of (non-removable) disk storage; a magnetic tape cartridge drive for software backup and recovery (one tape cartridge holds 10 Mbytes); and four user ports.

Disk storage may be expanded to 20 Mbytes by adding a 10 Mbyte drive. Storage may be further expanded by adding a second disk controller, as follows:

- a. The optional controller for 27 and 54 Mbyte drives may be added. It is installed in the system cabinet, in the space that would otherwise be occupied by the optional second 10 Mbyte drive. Up to four 27 or 54 Mbyte drives, in any mix, may be installed in an auxiliary cabinet (similar to the system cabinet). With the 10 Mbyte drive in the base configuration and four added 54 Mbyte drives, the total storage is 226 Mbytes.
- b. The optional controller for 63 Mbyte drives may be added. It is installed in the system cabinet, in the space that would

otherwise be occupied by the optional second 10 Mbyte drive. The controller supports up to four 63 Mbyte drives. These are free-standing units and do not require a cabinet. With the 10 Mbyte drive in the base configuration and four added 63 Mbyte drives, the total storage is 262 Mbytes.

Cartridge magnetic tape drives may be added to the single drive module in the base configuration, for totals of two, three, or four drives. Because a cartridge stores 10 Mbytes and backup and recovery can be performed programmatically, disk to tape transfers of up to 40 Mbytes may be carried out without an operator present.

For port expansion, an 8-port communications controller/interface may be substituted for the 4-port module in the base configuration. This is permissible only at the time of initial delivery of the system. Ports may be expanded further in 8-port increments to totals of 12, 20 or 28 ports if starting with 4 ports; or 16, 24, or 32 ports if starting with 8 ports. Note that the intended system application should be discussed with the factory if a port configuration greater than 16 ports is contemplated.

The IBM/ANSI compatible magnetic tape and line printer options for the BTI 5000 system are also available for the BTI 5000/ES system.

BASE SYSTEM CONFIGURATION: BTI 5000/ES

6030	Central Processor
5090	Main Memory, 64 Kbytes. (Semiconductor, error-correcting, with 2-hour battery backup)
5412	Disk Controller (controls up to two 5414 Disk Drives)
5414	Disk Drive, 10 Mbytes (non-removable)
5510	Magnetic Tape Cartridge Controller (controls up to four drives)
5520	Single Magnetic Tape Cartridge Drive*
5804	Communications Controller/Interface, 4 ports (EIA RS-232-C compatible; standard rates to 9600 baud)
6710	System Power Supply
5910	System Cabinet

The base system includes a license to use the following BTI-furnished software: the MULTUS timesharing executive with BASIC-X application language facility, and a set of utilities for system management and program development. A BASIC-X Program Library comprised of factory-supported and contributed programs is also furnished.

Price for complete base system \$29,950

*Tape cartridges should be purchased with initial system delivery for backup of application software. A ratio of three cartridges per 10 Mbytes of disk storage is recommended, for in-depth backup of valuable programs and files.

BTI 5000 INTERACTIVE COMPUTER SYSTEM

The BTI Model 5000, in its base configuration, provides 27 Mbytes of (non-removable) disk storage; a magnetic tape cartridge drive for software backup and recovery (one tape cartridge stores 10 Mbytes); and 8 user ports. Disk storage may be expanded to over 400 Mbytes. The number of user ports may be expanded, in 8-port increments, to 32.

Disk storage may be expanded by adding 27 Mbyte or 54 Mbyte (non-removable) drives and/or 63 Mbyte (removable-pack) drives, as follows:

- a. A 54 Mbyte drive may be installed in place of the 27 Mbyte drive in the base system configuration. (The physical dimensions of the drives are the same.)
- b. The disk drive controller in the base configuration controls up to four 27 or 54 Mbyte drives, in any mix. When expanding beyond two drives, an additional cabinet (similar to the system cabinet) is required to house the third and fourth drives. With four 54 Mbyte drives, the total storage is 216 Mbytes.
- c. A disk controller for 63 Mbyte drives may be installed in place of the 27/54 Mbyte disk controller in the base system configuration. The 63 Mbyte disk controller accepts up to four drives. With four 63 Mbyte drives, the total storage is 252 Mbytes. The 63 Mbyte drives are free-standing units and do not require a cabinet.

- d. A 63 Mbyte disk controller may be installed in the system cabinet in addition to the 27/54 Mbyte disk controller included in the base configuration. With this arrangement, the system will support one 27/54 Mbyte drive in the system cabinet, up to three 27/54 Mbyte drives in an auxiliary cabinet, and up to four 63 Mbyte (free-standing) drives. The total possible storage is 468 Mbytes.

In system configurations with two (or more) 63 Mbyte drives, backup and recovery may be performed from disk to disk, and the magnetic tape cartridge drive and associated controller included in the base system configuration may be deleted. However, the customer is encouraged to retain the cartridge tape drive for its convenience as a medium for transferring application software from and to other BTI systems.

Up to three additional magnetic tape cartridge drives may be installed in the drive module included in the base system, thus allowing backup or recovery of up to 40 Mbytes without physically exchanging cartridges.

Besides expanding disk storage and the number of user ports, peripherals may be added to the BTI 5000. An industry-compatible (IBM/ANSI) 9-track magnetic tape option is available; this option includes a cabinet. Four line printer options are available, offering print rates from 300 to 900 lpm.

BASE SYSTEM CONFIGURATION: BTI 5000

6030	Central Processor
5090	Main Memory, 64 Kbytes. (Semiconductor, error-correcting, with 2-hour battery backup.)
5404	Disk Controller (controls from one to four 5440/5470 Disk Drives)
5440	Disk Drive, 27 Mbytes (non-removable)
5510	Magnetic Tape Cartridge Controller (controls up to four drives)
5520	Single Magnetic Tape Cartridge Drive*
5810	Communications Controller/Interface, 8 ports (EIA RS-232-C compatible; standard rates to 9600 baud)
5710	System Power Supply
5910	System Cabinet

The base system includes a license to use the following BTI-furnished software: the MULTUS timesharing executive with BASIC-X application language facility, and a set of utilities for system management and program development. A BASIC-X Program Library comprised of factory-supported and contributed programs is also furnished.

Price for complete base system \$38,950

*Tape cartridges should be purchased with initial system delivery for backup of application software. A ratio of three cartridges per 10 Mbytes of disk storage is recommended for in-depth backup of valuable programs and files.

SYSTEM EXPANSION OPTIONS

DISK STORAGE

Disk storage capacities denote usable (formatted) storage. Specifically, disk storage is organized in "volumes" of 2.4 Mbytes. Disk capacities and their equivalence in volumes are as follows: 10 Mbytes, 4 volumes; 27 Mbytes, 11 volumes; 54 Mbytes, 22 volumes; 63 Mbytes, 26 volumes. A 10 Mbyte magnetic tape cartridge stores 4 disk volumes. A 2400-foot reel of tape recorded at 1600 bpi stores approximately 16 volumes.

5220	Disk Controller; controls up to four 5260 Disk Drives	\$ 8,650
5260	Disk Drive, 63 Mbytes (removable-pack)	13,500
5412	Disk Controller, controls up to two 5414 Disk Drives	7,500
5414	Disk Drive, 10 Mbytes (non-removable)	4,450
5404	Disk Controller. Controls up to four 5440 or 5470 Disk Drives, in any mix. When used in 5000/ES system, supports up to two 5440 or 5470 Disk Drives (matched or mixed)	8,500
5440	Disk Drive, 27 Mbytes (non-removable)	9,250
5470	Disk Drive, 54 Mbytes (non-removable)	11,500

CARTRIDGE MAGNETIC TAPE

5502	Cartridge Magnetic Tape Option; comprises 5510 Magnetic Tape Controller and 5520 Magnetic Tape Cartridge Drive	\$ 5,000
5532	Additional Magnetic Tape Cartridge Drive; installs in 5520 module. Up to three 5530 units may be added for total of four drives.	2,550

OPEN-REEL MAGNETIC TAPE

5302	IBM/ANSI Magnetic Tape Option; comprises 5320 Controller, 5330 Magnetic Tape Drive (800/1600 bpi, switch selectable) and 5940 Cabinet.	\$14,000
------	---	----------

USER TERMINALS

BTI provides direct maintenance support for all of its products excepting terminals, which are serviced by the terminal manufacturer or its authorized agent.

Terminals purchased (in any quantity) together with the purchase of a system are subject to a 15% discount from the list price shown. No other discounts apply.

Four models of video display terminals available. All have 80-character, 24-line screen format, and may be used at rates to 9600 baud.

1410	5 x 7 character matrix, 64 displayable characters. TTY-style keyboard with numeric pad.	\$ 900
1420	5 x 8 character matrix, 94 displayable characters including lower case. Dual intensity. Typewriter style keyboard with numeric pad.	995
1500	7 x 10 character matrix, 94 displayable characters. Dual intensity and reverse video. ANSI standard keyboard with numeric pad. Serial printer output.	1,225
1510	7 x 10 character matrix, 95 displayable characters. Dual intensity, reverse video, screen protect and block transmission (254 characters per block). ANSI standard keyboard with numeric pad. Serial printer output.	1,395

A printing terminal is also available.

1800	9 x 7 character matrix, 132 column, 120 CPS impact printing. Full ASCII 128 character keyboard. 110 to 1200 baud transmission speed.	2,395
------	--	-------

SYSTEM CABINET

5910	System cabinet, for expanded disk drive configurations. Includes blank front panels, forced air ventilation and power distribution assembly.	\$ 1,750
------	--	----------

LINE PRINTERS

5602	Line Printer Option: includes 5610 Line Printer Controller and 5620 Line Printer (300 lpm, 132 col., 96 char. Medium duty)	\$ 8,950
------	---	----------

USER COMMUNICATIONS

5810	Communications Controller and Interface: 8 ports, EIA RS-232-C compatible; standard rates to 9600 baud.	
	5810 8-port controller may be substituted for 5804 4-port controller in base configuration of 5000/ES with initial delivery of system only. For substitution, add	\$2,350
	Up to three 5810 8-port controllers may be added to 4-port or 8-port base configuration, at any time. For each 5810 controller, add	3,100

SYSTEM ACCESSORIES

(Note: Minimum order for accessories (any combination) is \$50)

STORAGE MEDIA

5252	Disk Pack, 49 Mbytes (for Models 4250 and 5250 Disk Drives)	\$ 500
5262	Disk Pack, 63 Mbytes (for Model 5260 Disk Drive)	750
5322	Magnetic Tape Reel, 2400 feet (for Model 5330 Tape Drive)	25
5522	Magnetic Tape Cartridge, 10 Mbytes (for Models 5520, 5530 Tape Cartridge Drives)	50

TERMINAL COMMUNICATIONS

5840	Modem Cable: connects modem or data set to system RS-232-C user port. Length 25 feet.	\$ 50
5842	Port Extension Cable: extends user port connections, terminated with standard user port connector (DBM-25S). Length 25 feet.	50
5844	Port Extension Cable: as for 5842 above, except length 100 feet.	75
5846	Terminal Adapter Cable: connects between 5842/5844 Port Extension Cable and terminal. Terminated with male connector (DBM-25P). Length 6 inches.	40
5848	Terminal Adapter Cable: connects between 5842/5844 Port Extension Cable and terminal. Terminated with female connector (DBM-25S). Length 6 inches.	40
5850	Male Connector Set: DBM-25P connector with hood. (Kit no. 1205-0039)	10
5860	Female Connector Set: DBM-25S connector with hood. (Kit no. 1205-0040)	10
5862	Data Cable: 10 conductor, 22 awg, 100-foot roll. (Part no. 0700-0003)	35

LINE PRINTER ACCESSORIES

5620	Line Printer: Ribbon, part no. 9000-0127	\$ 50
------	--	-------

CABINET ACCESSORIES

5910	System Cabinet	
	Side cover, left side, part no. 9000-0182	\$ 240
	Side cover, right side, part no. 9000-0183	240
	Cover panel, front, part no. 9000-0212	125
	Front (plexiglass) door assembly, part no. 9000-0078	65
	Top cover (wood grain finish) part no. 9000-0084	100

SYSTEM ACCESSORIES, continued

REPLACEMENT AIR FILTERS

5260	Disk Drive; filter, coarse, part no. 2000-0268	\$ 10
	filter, fine, part no. 2000-0269	8
5302	Magnetic Tape Option; rear filter for cabinet, part no. 4100-0012	35
5910	System Cabinet, rear filter, part no. 4100-0023	2

CLEANING ACCESSORIES

—	Magnetic tape head cleaning cartridge, part no. 9000-0188	\$ 15
—	Alcohol pads (Texpads). Box of 100 pads, part no. 4200-0002	16
—	Cleaning tissue (Kimwipes, small). Box, part no. 4400-0002	1

POWER CONDITIONING EQUIPMENT

Before ordering power conditioning equipment, consult BTI Field Service concerning the intended application.

—	Constant-voltage transformer (3KVA). Part no. 2000-0301	\$ 1,100
—	Isolation transformer (5KVA). Part no. 2000-0303	850
—	Line conditioner (3KVA). Part no. 2000-0310	1,750

DOCUMENTATION

Manuals and booklets listed below are subject to a discount of 25% when purchased in quantities of 100 or more.

User's Manual, part no. 9100-0051	\$ 10
BASIC-X Quick Reference Booklet, part no. 9100-0030	1
Manager's Manual, part no. 9100-0052	10
System Familiarization Procedure (for Managers), part no. 9100-0070	NC
IBM/ANSI Magnetic Tape Operator's Manual, part no. 9100-0047	5
Line Printer User's/Operator's Manual, part no. 9100-0048	5
BASIC-X Program Library Catalog, part no. 9100-0075	NC
BASIC-X Program Library Manual (complete set of Program Descriptions) part no. 9100-0053	20
KSAM Program Manual, part no. 9100-0043	5
TEXT Program Manual, part no. 9100-0042	5
BASIC-XX Program Manual, part no. 9100-0077	5
MAILER Program Manual, part no. 9100-0044	5
QWERY Program Manual, part no. 9100-0145	5
REPORTS Program Manual, part no. 9100-0144	5
RETRIEVE Program Manual, part no. 9100-0143	5

INSTALLATION

Installation of BTI 5000/5000ES at any place in the continental United States. Does not include shipping charges which are billed separately.	\$ 375
---	--------

Prices are F.O.B. Sunnyvale, California and do not include travel and freight expenses for on-site installation or applicable state and local taxes. Prices are subject to change without notice.

Corporate Office:

870 West Maude Avenue, Sunnyvale, CA 94086 (408) 733-1122

Regional Offices:

East

225 Old New Brunswick Road, Piscataway, NJ 08854 (201) 457-0600

Midwest

2401 Plum Grove Road, Palatine, IL 60067 (312) 397-9190

South

1155 Hammond Drive, Suite E5050, Atlanta, GA 30328 (404) 396-1630

West

977 Benicia Avenue, Sunnyvale, CA 94086 (408) 749-0500

United Kingdom

1433 Bristol Road South, Birmingham, England B32 2SU 021-477-3846

Sales Offices throughout the United States

BTI is registered in the U.S. Patent and Trademark Office by BTI Computer Systems.



BTI

COMPUTER SYSTEMS

870 West Maude Avenue • Sunnyvale, California 94086 • (408) 733-1122

1066-R0681
Printed in U.S.A.