

To: All ASC and Franchise Stores

From: Clarence Woodcock *W*

CLARENCE WOODCOCK

National Sales Manager
Computer Products

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Subject: Tandy 3000 Update - Expansion Options

640K Memory Upgrade.

The Tandy 3000 comes standard with 512K of memory. Use the Tandy 1000/2000 128K Memory Kit (26-5162) to upgrade to 640K on the main board. See page 39 of the Tandy 3000 Installation and Operation Manual for detailed information.

Memory Expansion Board for Tandy 3000.

The Tandy 3000 is a true 16-bit machine and requires 16-bit memory expansion boards. We will carry one memory expansion board for the Tandy 3000 (25-4030). This board will come standard with 512K of memory and is expandable to 2 Megabytes using the Tandy 1200 memory kit (25-3062). This memory board WILL NOT work in the Tandy 1000/1200/2000.

Floppy Drive Kits.

The Tandy 3000 comes standard with one 1.2 megabyte floppy drive for compatibility with the IBM PC/AT. The customer has the option to add a second floppy disk drive, either a 1.2 megabyte format (25-4050) or a 360K format (25-4051) for a direct compatibility with the Tandy 1000/1200 and IBM PC, PC-XT. Both drive kits are available from TEW and can be user installed.

New Diskette Media.

Since the Tandy 3000 uses the new high-capacity disk drives, we need 5 1/4" High-Capacity Diskettes. There are two new diskette packages: the 10-Pack (26-0422) sells for \$59.95 and the 3-pack (26-0421) sells for \$18.95. Both are available from TEW.

Display Adapters.

Like the PC/AT, the Tandy 3000 does not include a display adapter. Your customer may choose any of the following display adapters:

25-3046	Tandy Deluxe Display Adapter
25-3047	Tandy Deluxe Graphics Adapter
25-3043	Tandy Graphics Display Adapter

We are recommending that you sell the new Deluxe Display Adapters (25-3046 and 25-3047) with the Tandy 3000. Both adapters use either the VM-1 Monochrome (26-5111) or the CM-1 Color (26-5112) high-resolution displays. See the 3000 SOFTWARE DIRECTORY in my previous memo for more information on display adapters, displays, and software compatibility, and my memo on video boards dated November 21, 1985.

Serial/Parallel Adapter.

A Serial/Parallel adapter is standard in the Tandy 3000. This new board has a DB-25 male connector which will connect to any of our printers using the Tandy 1200's printer cable (26-1347). The board also has a DB-9 male RS-232 connector which requires a new 6' RS-232 Cable (26-1399). A customer may wish to add a second Serial/Parallel Adapter (25-4034). This board works in the Tandy 3000/1200/1000 and is available from TEW.

Hard Disk Expansion.

The Tandy 3000 HD (25-4010) comes standard with a 20 megabyte internal hard disk. The customer can add a second internal 20 Megabyte Hard Kit (25-4062) for over 40 megabytes of internal storage. If the customer purchases a floppy Tandy 3000 (25-4001) and wishes to add the first internal hard disk, they will need to purchase a combination Hard Disk and Floppy Controller Board (25-4060) and the 20 Megabyte Hard Disk Kit (25-4062). All hard disk kits require installation by Repair.

External Hard Disk Expansion.

If you have a Tandy 3000 with two floppy drives and one internal hard disk, you may add a second hard disk externally using the External Hard Disk Cable Kit (25-4063). The following hard disks work as described in the table below:

<u>STOCK #</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>
25-1025	10 Meg Hard Disk	10 Meg
26-4156	15 Meg Secondary	10 Meg
26-4172	35 Meg Secondary	32 Meg

Note: Only the second hard disk can be added externally to the system for a total of two hard disks.

Other Expansion Boards.

The following boards do not work in the Tandy 3000:

<u>Stock #</u>	<u>Description</u>
25-1007	Hard Disk Controller Board
25-1009	512K Memory Expansion Board
25-1010	Clock Calendar Mouse Board
25-1011	Memory PLUS Expansion Board

The following Tandy 1000/1200 boards work in the Tandy 3000:

<u>Stock #</u>	<u>Description</u>
25-1003	300-Baud Modem Board
25-1013	1200-Baud Modem Board
25-3022	Interface for Disk Cartridge System
25-3043	Tandy Graphics Display Adapter
25-3046	Tandy Deluxe Text Display Adapter
25-3047	Tandy Deluxe Graphics Display Adapter

Note: This list may not be all inclusive. We will keep you posted of any changes or additions.

For your convenience I have included pricing information for the Tandy 3000 items mentioned above.

<u>STOCK #</u>	<u>DESCRIPTION</u>	<u>SUGG RETAIL</u>
25-4001	Tandy 3000	2599.00
25-4010	Tandy 3000 Hard Disk	3599.00
25-4030	512K/2 Meg Memory Expansion Board	499.00
25-4033	Math Co-Processor for Tandy 3000	399.95
25-4050	1.2 Meg Disk Drive Kit	299.95
25-4051	360K Disk Drive Kit	199.95
** 25-4060	Hard Disk Controller Board	499.00
** 25-4062	20 Meg Hard Disk Kit	799.00
* 25-4101	MS-DOS 3.1/BASIC/DeskMate	99.95
26-0421	3-Pack 5 1/4" High-Capacity Floppy Diskette	16.95
26-0431	10-Pack 5 1/4" High-Capacity Floppy Diskette	59.95
26-1399	6' RS-232 Cable	24.95
FC-234	Tandy 3000 Brochure (25)	

* NOT shipped with Tandy 3000

** Shipped from our National Parts Department