

# **TRS-XENIX™**

## **Multi-User Operating System**

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- **Designed for the TRS-80® Model 16 or Upgraded Model II or Model 12**
- **Allows Three Operators to Access Different Programs Simultaneously Using a TRS-80 Hard Disk System and Two DT-1 Data Terminals**
- **Users Share the Resources of the Model 16 without Loss of Performance**
- **Derived from Western Electric's UNIX™ Operating System**
- **TRS-XENIX Multi-User Software Development System Also Available**



# TRS-XENIX Turns Your Model 16 Into a 3-Workstation Office System!

## High Technology Without the High Price

Radio Shack's TRS-XENIX lets you give three people in your office the power of our most sophisticated micro-computer . . . without the cost of three separate systems. Think of it. Three people. All performing different tasks, all at the same time, and all on the same computer!

## A True UNIX™ System

Our new TRS-XENIX (pronounced ZEE-nix) is a state-of-the-art multi-user operating system that comes with every TRS-80 Model 16 computer or upgrade kit. TRS-XENIX was developed by Microsoft Corporation, and is derived from Western Electric's UNIX™, an operating system that's been subjected to intense field testing throughout the world for almost a decade. Unlike "UNIX-like" systems, TRS-XENIX actually *is* the UNIX operating system.

## The Value of Shared Resources

All of your data can be conveniently stored at one location on your hard disk system. Files can then be shared by all users in the system, or restricted to certain users only. Record locking prevents two users from writing to the same record at the same time. And for

maximum cost savings, everyone in the system can share the peripherals attached to the Model 16—from printers to plotters to modems.

## Advanced Multi-User Software

TRS-XENIX will be supported by a wide variety of multi-user software, including an interactive accounting package, consisting of general ledger, accounts receivable and payable, payroll, order entry, sales analysis and a 30,000-item inventory control system. And soon we will introduce a COBOL development system and Multiplan™—an advanced spreadsheet analysis program. These will be followed by word processing, data base management and other applications software.

## Implementation Is Easy

The TRS-XENIX "core" (or runtime package) is included with all Model 16s and 16 upgrades. It has the modules required to easily set up and operate a multi-user system. TRS-XENIX includes a hard disk initialization routine, a text editor for modifying system parameters, utilities to transfer files from TRSDOS diskettes and RUNCOBOL to support our COBOL software, as well as full password protection.

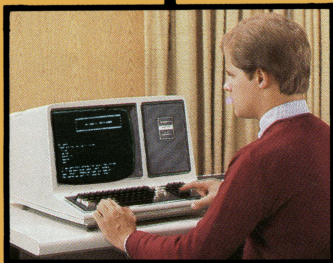
## We Also Offer a TRS-XENIX Software Development System

In addition to the new TRS-XENIX "core" system, we also offer the advanced programmer a TRS-XENIX development system for writing multi-user software. The development system is sold separately for \$750 (Cat. No. 26-6401). You can develop multi-user software on any Model 16 (or upgraded Model II or Model 12) system with at least 256K RAM and a hard disk. 512K RAM is recommended for best results.

## Powerful Programming Features

The main feature of the TRS-XENIX development system is the tremendously flexible C programming language. "C" was originally developed for UNIX, and has been used by software developers to write operating systems and utility programs for a number of computers. It has also been used to develop applications software for research and business uses, including numerical, text processing and data base programs. The entire TRS-XENIX development system includes all standard UNIX utilities (about 200 modules) for multi-user software development.

## TRS-XENIX Triples Office Productivity



With a TRS-XENIX multi-user system, your sales department could check inventory levels while someone in accounting updates your general ledger—at the same time someone is working on payroll!





## A Powerful Office System

A 3-workstation TRS-XENIX system requires a TRS-80 Model 16 (or a Model II or Model 12 upgraded to a Model 16) with a minimum of 256K memory, a hard disk drive and two of our low-cost DT-1 terminals. This system allows three people to simultaneously access different programs without any perceived loss of performance. (Three operators, accessing large programs, may require 384K memory and will obtain better performance with 512K.)

## It's Cost-Effective, Too

The TRS-XENIX multi-user system described above is only \$10,391 (required installation and cables extra). That price is \$4606 less than three Model 16 computers (without the hard disk). A TRS-XENIX system allows you to increase your computing power and the productivity of your office staff, while reducing your hardware costs.





## The Multi-User System

Described below are the components of the Radio Shack TRS-XENIX multi-user system.

### A Model 16 Computer

Our most advanced TRS-80 ever! The Model 16 puts superior performance in a compact desktop system. It easily handles the complex, sophisticated jobs that many business users require. It features powerful 16/32-bit microprocessor technology, a 128K internal memory (expandable to 512K), a built-in 1.25-megabyte double-sided, double-density floppy disk drive, high-resolution green phosphor screen, and professional, typewriter-style keyboard. (Cat. No. 26-6001, \$4999)

### 128K Memory Expansion

Our 128K RAM "chip set" increases the standard 128K Model 16 to 256K memory for TRS-XENIX multi-user operation (26-6012, \$499, plus installation). You may then add our 128K RAM board for 384K to run very large applications (26-6011, \$699, plus installation). This board will accept another 128K "chip set" for a full 512K memory.

### B 12-Megabyte Hard Disk

The new TRS-80 12-megabyte hard disk drive (26-4152, \$3495) provides extremely fast access to multi-user programs and data. The 12-megabyte hard disk has three 5<sup>1</sup>/<sub>4</sub>" platters permanently sealed in a dust-free environment, and operates with Winchester technology. You can expand to over 48 million bytes of on-line data storage with three secondary hard disks (26-4153, \$2495 each).

### C DT-1 Data Terminal

The low-cost DT-1 (26-6050, \$699 each) is the ideal workstation for the TRS-XENIX multi-user system. It features a professional 70-key typewriter-style keyboard with datapad and a high-resolution 80x24 video display. Its non-volatile memory even retains the communications configuration when power is off. Note: Each DT-1 terminal requires an RS-232C cable and null modem adapter.

## TRS-XENIX Multi-User System



### Exclusively from the Small Computer Experts at Radio Shack

Learn how to computerize your office with a TRS-XENIX multi-user system today. Stop by any of our Radio Shack Computer Centers (over 370 nationwide), the expanded computer department in over 500 Radio Shack stores, or your nearest participating dealer for all the details. Ask about our leasing, training and service plans, too.

**Radio Shack®**  
The biggest name in little computers®

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Retail prices may vary at individual stores and dealers. Special order may be required. Prices do not include required installation and cable. XENIX and Multiplan are trademarks of Microsoft Corp. UNIX is a trademark of Bell Laboratories.