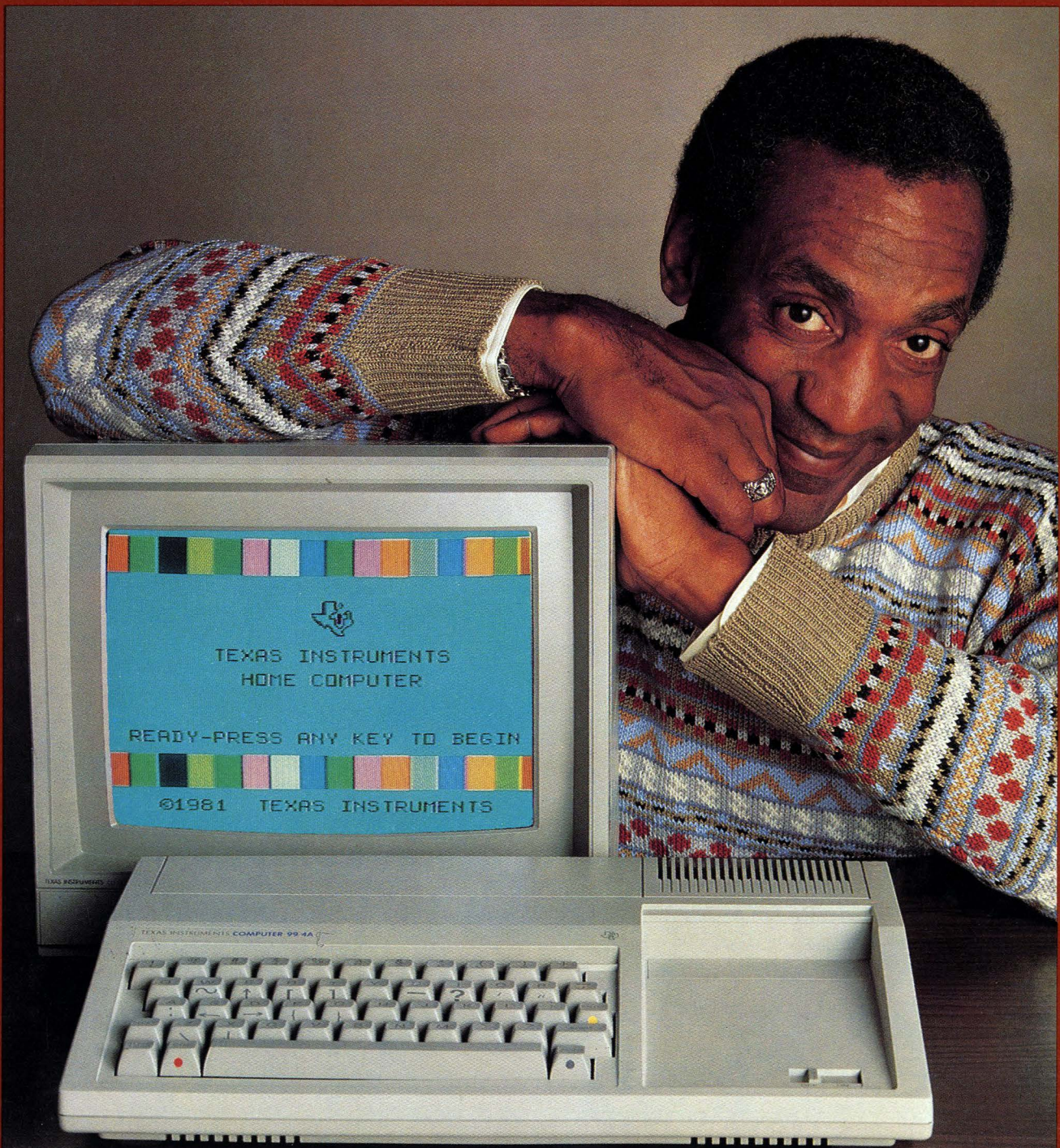


TEXAS INSTRUMENTS TI-99/4A HOME COMPUTER

This is THE Home Computer



The TI-99/4A...

**Easy-to-use,
yet powerful.
More power than any
other computer in its
price range. With a
big selection of
useful software.**



Now with state-of-the-art styling. Sleek, compact, low-profile design and a comfortable, efficient, well-organized keyboard with full-travel, sculptured keys.

... a powerful Home Computer

Dollar for dollar, feature for feature, the TI-99/4A delivers more for your money than any other home computer in its price range.

And, it's a true home computer. With plenty of memory for powerful programs, a big choice of useful software, and it's easy-to-use. It's the best way to introduce your family to the fascinating world of home computing.

Everything about the TI-99/4A has been designed to make it easy to use. The TI-99/4A offers top quality equipment that you can connect to your own home TV set and be ready to go to work from the very first push of a button.

A wide range of Solid State Software™ cartridges is available. Simply select a program from more than 100 software cartridges — educational programs for children that make learning fun, financial planning programs for yourself, or exciting arcade-style games for the whole family — the TI-99/4A is ready to teach, manage information or entertain.

The TI-99/4A is expandable and versatile. TI BASIC is built-in, and the capability for using a number of other popular languages is available. So, you can use existing programs, or you can write your own, simply and easily.

16K RAM — expandable to 48K

The TI-99/4A has a powerful 16K Random Access Memory — and with the addition of the Peripheral Expansion System's 32K Memory Expansion Card, total RAM may be increased to 48K. Internal Read Only Memory supplied is 26K bytes — and Solid State Software™ cartridges can add programs of up to 36K bytes, each. So, total ROM can be as much as 62K bytes.

TI BASIC is built in.

The TI BASIC programming language is contained in the TI-99/4A internal Read Only Memory. This not only saves you time and effort in loading the language, but you also save valuable RAM for program execution.

TI BASIC is a rich, versatile programming language designed to make programming easy — and easy-to-learn — yet, it's capable of handling complex programs and demanding tasks.

Other, more advanced programming languages are available as optional additions.

Use TI's new, compact HEX-BUS™ * peripherals — or the Peripheral Expansion System.

The HEX-BUS™ Interface is all you need to make the TI-99/4A compatible with TI's new, compact HEX-BUS™ peripherals. There's a four-color Printer/Plotter, a Wafer-tape™ Drive, a Telephone Modem and an RS-232 Interface.

The Peripheral Expansion System allows the addition of accessories through the use of plug-in peripheral cards. There's a Disk Drive Controller Card which permits the addition of up to three disk drives, a 32K Memory Expansion Card, a P-Code card, and an RS-232 Interface Card.

Solid State Speech™ Synthesizer

Plugs directly into the TI-99/4A console and reproduces human speech electronically — with a variety of inflections and appropriate pitch.

When used with TI's software cartridges designed for speech, the TI-99/4A can give voice instruction

and ask (and answer) questions. With the Speech Editor or TI's Extended BASIC software cartridges it allows you to add speech to your own programs, drawing from a vocabulary of 370 words. With the Terminal Emulator II cartridge, it provides virtually unlimited text-to-speech capability.

Broad choice of software

More than 2000 programs are available from Texas Instruments and independent producers — including more than 100 easy-to-use Solid State Software™ cartridges.

A wide variety of programs encompasses Information Management, Personal Finances, Education for everyone including preschoolers, Computer Programming (even advanced languages), Math and Engineering, and a big selection of exciting arcade-style games for the whole family.

Many more features you'd expect to find only on much costlier computers.

16-color graphics capability. Sound effects. Five musical octaves with 3-part harmony. Typewriter-style keyboard with full-travel sculptured keys. And more.

Special services, activities and information

The TI-99/4A is supported by special TI information activities, publications and services — users groups, Advantage Club courses, newsletters, magazines, books — and toll-free action numbers.

It's THE Home Computer

Powerful. Easy to use. Affordable. The TI-99/4A is the best way to introduce your family to the fascinating world of home computing.

*Use of all HEX-BUS™ peripherals with the TI-99/4A is subject to FCC approval

TI's new HEX-BUS™ peripherals...

Stackable
space savers...
... "smart"
memory savers.



...compact, efficient, economical.

Texas Instruments new HEX-BUS™ compact peripherals offer you big power in very small packages.

A Printer/Plotter, Wafertape™ Drive, RS-232 Interface, and Telephone Modem may be stacked in a space only 4.63" wide x 5.75" deep x 5.68" high.

And, in the language of computer designers, they are "smart" — which means each has its own dedicated, built-in microprocessor — to reduce the need to use valuable computer RAM for peripheral control. (And also greatly reduces the size of interconnecting cables.)

A HEX-BUS™ interface is available to permit the use of these new, compact peripherals with your TI-99/4A Home Computer.



Wafertape™ Drive

TI Wafertape™ cartridges offer a convenient, low-cost way to store data or programs. Continuous loop tape cartridges are available with a variety of storage capacities (up to 48K) allowing optimization of response time during use.

Tapes are completely computer controlled and require no rewinding.

The Wafertape™ system is much faster and more accurate than start/stop audiocassette drive systems.

A 4K program can be loaded in less than 10 seconds. And built-in file management allows you to access files by name rather than having to remember position numbers. The TI Wafertape™ drive comes with an AC adapter — it may also be powered by 4 AA batteries (not included).



RS-232 Interface

The HEX-BUS™ RS-232 Interface will let you connect other accessories to the TI-99/4A Home Computer. For example, you can connect a full-page 80-column printer — such as the TI Impact Printer. The HEX-BUS™ RS-232 Interface is powered by 120 volt AC.

Telephone Modem

For use with the TI Home Computer through the HEX-BUS™ intelligent peripheral port, this low-cost peripheral is a 300 BAUD full-duplex, direct-connect device that is Bell 103 compatible.

Battery-operated, the modem is able to send and receive data simultaneously. It plugs directly into the phone line using standard modem plugs.

With the modem, users can access the TEXNET™ Information Service, which includes THE SOURCE™ computer software service for business, education and home entertainment. Since the RS-232 function is built into the modem, users have a low-cost means of accessing office, home or data base computers.

The unit uses four AA batteries.

TEXNET™ is a service mark of Texas Instruments Incorporated - downloaded from www.ti99iuc.it
Service Mark, Source Telecomputing Corp., a subsidiary of Reader's Digest Assoc., Inc.



Four-Color Printer/Plotter

The Texas Instruments Printer/Plotter gives you hard copies of all your work. Words. Numbers. Plots. Even graphics can be reproduced in up to four colors. You can easily make pie charts, bar graphs, line charts . . . even create pictures.

You can select 4 different print angles and 10 different type sizes. Print up to 36 characters-per-line, with print speeds up to 11 characters-per-second. Printing colors are red, blue, green and black. It uses standard 2¼ inch plain paper.

The Printer/Plotter has its own rechargeable power supply using a detachable recharger (included).

TI accessories to help you...

The Speech Synthesizer

The Solid State Speech™ Synthesizer reproduces human speech electronically, accurately and realistically with a variety of inflections and appropriate pitch. The synthesizer plugs directly into the Home Computer's built-in connectors without external cables.



For children too young to read the screen, the Speech Synthesizer is ideal since it allows the computer to "talk" to the children.

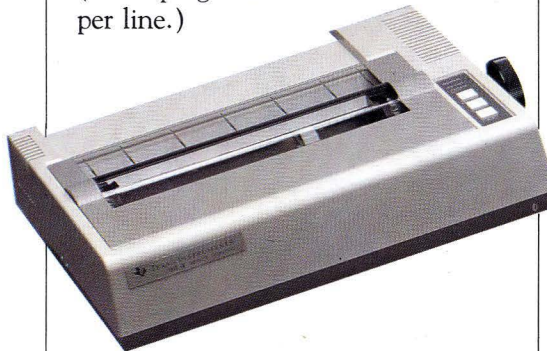
When used with one of TI's Solid State Software™ cartridges designed for speech, the Home Computer can give voice instructions and ask — and answer — questions. When used with the Speech Editor cartridge, it allows you to add speech to your own programs, drawing from a vocabulary of 370 words. When used with the Terminal Emulator II cartridge, it provides virtually unlimited text-to-speech capability to help you develop sophisticated speech programs.



Video Monitor

With the TI Home Computer you can use your own TV or take advantage of special features of our Video Monitor. Our 10" Video Monitor was designed to handle the Home Computer's wide range of graphic and musical capabilities with a sharp, bright color picture and clean, clear sound.

Color resolution is excellent with 192 x 256 dot density. Display format is 24 lines of 32 characters. (Some programs have 40 characters per line.)



TI Impact Printer

The TI Impact Printer is a quiet, high-performance, versatile printer — yet it's low in cost. It prints at a fast 80-character-per-second speed... bidirectionally. You may select from three type sizes and four printing densities. It features a long-life, 9 x 9 dot-matrix. The printer is adjustable for 40, 66, 80, or 132-character column widths, and is capable of printing both text and graphic data. The TI Impact Printer requires an RS-232 Interface accessory.

Program Recorder

The Texas Instruments Program Recorder is designed specifically for use with the TI Home Computer as a low cost memory storage device. The recorder is controlled by the computer, providing reliable loading, storage and retrieval of data on regular audio cassette tapes.

A computer interface cable is included with the Program Recorder.



Wired Remote Controllers

The Wired Remote Controllers are for fun and games. They let you maneuver objects on the screen. Each unit features an eight-position remote control with an action button. These "joysticks" are important accessories for TI's fast action games.



...customize your Home Computer.



Peripheral Expansion System

The TI Peripheral Expansion System is an easy and convenient way to expand your TI Home Computer's capabilities.

Measuring just 7½ inches by 12 inches by 18 inches, the system is designed to house plug-in peripheral cards and a TI Disk Drive.

It provides simple, centralized expansion without additional cable or clutter.

Just plug in a peripheral card to add the function you want.

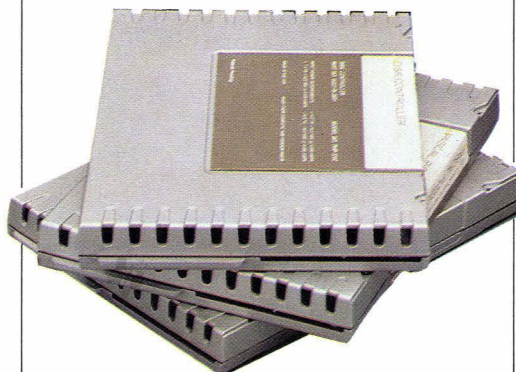
Choose now from Disk Memory System, RS-232 Interface, RAM Memory Expansion and P-Code cards.

Disk Memory System

A Disk Drive Controller Card and a Disk Memory Drive (you can connect up to three, one housed within the enclosure) allow you to store and retrieve data on 5¼ inch single or double-side diskettes.

You can store your own programs, or purchase prewritten programs on efficient, large-capacity diskettes. More than 2000 programs are available from TI and other sources.

Diskettes permit efficient, high-volume data storage. On a single side, up to 92,000 characters may be stored in variable or fixed length records, sequential files, or relative files. For example, if you had 100 BASIC programs, each 50 lines long, you could store them all on one side of a diskette. Unoccupied disk space is automatically reasigned for file allocation.



RS-232 Interface

The RS-232 Interface Card lets you connect a wide range of accessories to your TI Home Computer. You can communicate over ordinary telephone lines with other home computers, terminals, office computers, data bases, time sharing networks, and more. For example, you can tie into the TEXNETSM Information Service and choose from more than 1,200 programs and services at economical fees. (Requires use of a telephone coupler and Terminal Emulator II cartridge.) It also allows the use of printers such as the TI Impact Printer.

Baud rates from 110 to 9600, all parameters software programmable, two bi-directional serial ports, one parallel port.

Memory Expansion Card

The Memory Expansion Card adds 32K bytes of Random Access Memory (RAM) to the TI Home Computer. It is designed for use with TI Extended BASIC, Editor/Assembler, TI LOGO, or any other Solid State SoftwareTM cartridge requiring expanded memory.

Also designed for use with diskette programs such as UCSD Pascal* and TI PILOT.

P-Code Card

The P-Code Card allows you to use a variety of high-level computer languages — to develop your own programs or use existing programs.

It allows access to UCSD Pascal*, TI PILOT, and more.

Requires the use of the Memory Expansion Card and Disk Memory System or cassette recorder.

*UCSD Pascal and UCSD P-system are trademarks of the Regents of the University of California.

TI offers a broad choice of useful programs...

More than 2000 programs available from TI and independent software producers.

TI Home Computer software is available in three easy-to-use formats: Solid State Software™ cartridges which plug directly into the computer console, diskette programs which require the use of a disk memory system and cassette programs which require the use of an audio cassette recorder and connecting cables.

Solid State Software™ cartridges make it easy for anyone to use the TI Home Computer, even if they've never used a computer before. Just snap one in place and the program is instantly available for use, with easy-to-follow, on-screen instructions to guide you.

A fast-growing library of more than 100 cartridges includes useful programs in Information Management, Education, Computer Programming, Math and Engineering and an exciting array of arcade-style games.

Information Management

Information Management and personal finance programs help you set personal and household budget goals, make informed decisions about loans and savings, organize taxes and time payments, track investments and determine if you should lease or buy... there's even a program to help you balance your checkbook.

Education

Programs for all ages, even preschoolers. Programs that make learning fun. Programs developed in cooperation with some of the most respected names in education: Scott, Foresman. Addison-Wesley. Scholastic, Inc. Subjects include reading, spelling, math, science and more. You'll find TI LOGO II in this category — the computer language for children that develops computer awareness and enriches a child's math, logic and communications skills.

PLATO® Courseware

Developed by Control Data, PLATO Courseware is a tested, proven learning system with 108 courses to choose from.

The Basic Skills curriculum for grades three through eight covers grammar, reading and math. High School Skills cover reading, writing, math, science and social studies.

To use PLATO courses on the TI Home Computer, you'll need the Memory Expansion Card, Disk Drive and Disk Drive Controller. Then you just plug in the PLATO interpreter cartridge and select the course disk you want to use.

Computer Programming Aids

Whether you want to take advantage of a variety of existing programs, or learn how to program, or develop sophisticated programs of your own, the TI-99/4A is capable of handling up to six high-level languages with programs to meet your needs.

Math and Engineering

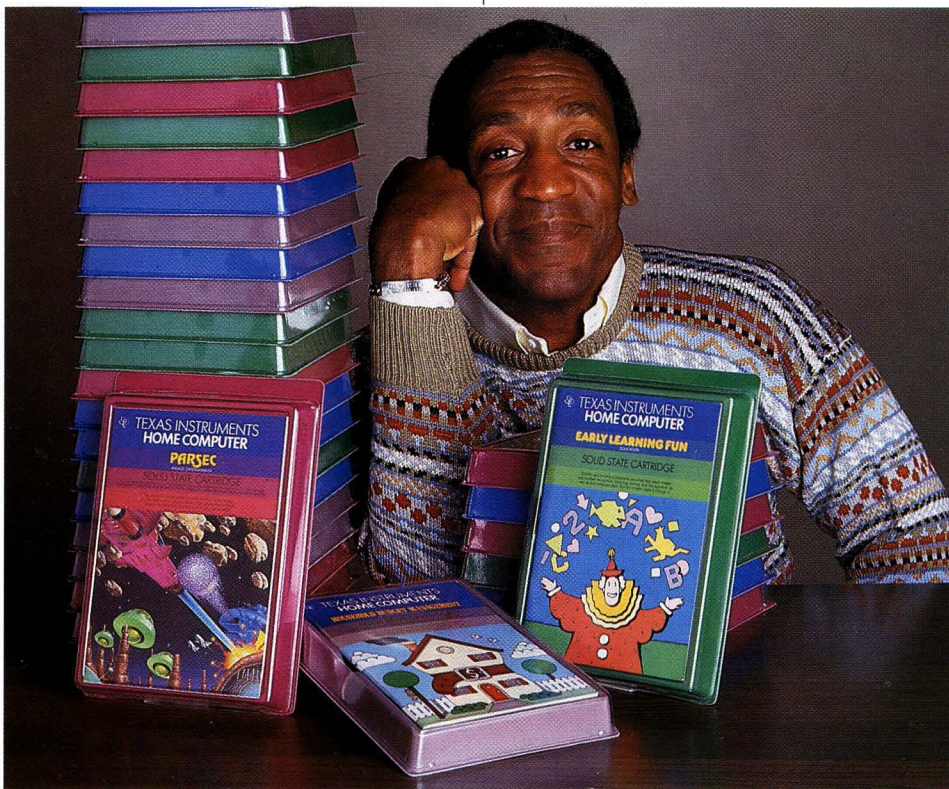
From Statistics to Graphing to Circuits Analysis to Electrical Engineering, there's a variety of programs specially selected to accomplish even the most esoteric mathematical tasks.

Entertainment

The wonder and whirl of the arcade comes home to enchant, fascinate and captivate game players of all ages.

Battle alien attack ships — outmaneuver cunning hoonos — climb Mt. Everest — visit the Old West — search for hidden treasure — seek out the elusive Wumpus — all this and more when you enter the world of fantasy, flight and fun with TI arcade-style game software.

PLATO is a trademark of Control Data Corporation, U.S.A. PLATO courseware is manufactured under licensed by Texas Instruments, Inc.



...including more than 100 Solid State Software™ cartridges.

Information Management

Cartridges

Home Financial Decisions
Household Budget Management
Securities Analysis
Personal Record Keeping
Tax/Investment Record Keeping
Personal Real Estate
Personal Report Generator
TI Writer
Microsoft™¹ Multiplan™¹
Terminal Emulator II

Diskettes and Cassettes

Mailing List
Personal Finance Aids
Checkbook Manager
Business Aids Library
Financial Management
Inventory Management
Invoice Management
Cash Management
Lease/Purchase Decisions
Personal Tax Plan²
TI-Count Business Packages
TI-Mini-Writer

Education

Cartridges

Early Learning Fun
Beginning Grammar
Number Magic
Video Graphs
Early Reading³
Reading Fun³
Reading On³
Reading Roundup³
Reading Rally³
Reading Flight³
Addition/Subtraction 1 and 2³
Multiplication 1³
Division 1³
Numeration I and II³
Computer Math Games I⁴, II, III, IV, VI⁴
Alien Addition⁵
Minus Mission⁵
Alligator Mix⁵
Meteor Multiplication⁵
Demolition Division⁵
Dragon Mix⁵
Word Invasion⁵
Word Radar⁵

Milliken Math Series⁶ (11 Cartridges)
Scholastic Spelling⁷ (4 Cartridges)
TI LOGO II
Early LOGO Learning Fun
Key to Spanish⁸
Weight Control and Nutrition
Physical Fitness
Music Maker
Touch Typing Tutor
Video Chess

Diskettes and Cassettes

Music Skills Trainer
Computer Music Box
Market Simulation
Basketball Statistician
Bridge Bidding I, II and III
Speak & Spell⁹ Program
Speak & Math⁹ Program
Spell Writer
PLATO®¹⁰

Entertainment

Cartridges

Parsec
Tombstone City: 21st Century
TI Invaders
MunchMan
Munch Mobile™¹¹
MoonMine
Sneggit
Car Wars
Alpiner
Othello¹²
Chisolm Trail
Football
Video Games I
Hunt the Wumpus
Indoor Soccer
Mind Challengers
A-MAZE-ING
The Attack¹³
Blasto¹³
Blackjack and Poker¹³
Hustle¹³
ZeroZap¹³
Hangman¹³
Connect Four¹³
Yahtzee
Terry Turtle's Adventure¹³
I'm Hiding¹³
Honey Hunt¹³
Sound Track Trolley¹³
Championship Baseball¹³
Space Bandit¹³
Big Foot¹³

Super Fly¹³
Sewermania¹³
Meteor Belt¹³
M*A*S*H¹⁴

Diskettes and Cassettes

Tunnels of Doom
Entrapment
Adventure¹⁵
Adventureland¹⁵
Secret Mission¹⁵
Voodoo Castle¹⁵
The Count¹⁵
Strange Odyssey¹⁵
Mystery Fun House¹⁵
Pyramid Of Doom¹⁵
Ghost Town¹⁵
Savage Island I & II¹⁵
Golden Voyage¹⁵
Mystery Melody
Oldies But Goodies I and II
Saturday Night Bingo
Draw Poker

Computer Programming

Cartridges

Speech Editor
Editor/Assembler
Mini-Memory
Extended BASIC
Diskettes and Cassettes
Text-to-Speech
Programming Aids I, II and III
Pascal Development System
UCSD¹⁶ Pascal Compiler
UCSD P-System¹⁶ Assembler/Linker
USCD P-System Editor/Filer/Utilities
Beginner's BASIC Tutor
Teach Yourself BASIC¹⁷
Teach Yourself Extended BASIC
TI-FORTH
TI PILOT
TI-Advanced Assembly Debugger
Course Designer Authoring System

Math and Engineering

Cartridges

Statistics
Diskettes and Cassettes
Math Routines Library
Graphing Package
SMU Electrical Engineering Library
Electrical Engineering Library
AC Circuit Analysis Library
Structural Engineering Library

¹Microsoft and Multiplan are trademarks of Microsoft Corp.

²Developed by Aardvark Software, Inc.

³Developed by Scott, Foresman and Co.

⁴Developed by Addison-Wesley Publishing Co.

⁵Developed by Developmental Learning Materials, Inc. (DLM)

⁶Developed by Milliken Publishing Co.

⁷Developed by Scholastic, Inc.

⁸Developed by Westinghouse Learning Corp.

⁹Trademark of Texas Instruments

¹⁰PLATO is a trademark of Control Data Corp. U.S.A. PLATO courseware is manufactured under license by Texas Instruments.

¹¹Manufactured under license from SNK Electronics Corp.

¹²Trademark of Gabriel Industries

¹³Milton Bradley Voice Command Video Game Series Manufactured by Texas Instruments under license from Milton Bradley Company.

Trademarks of Milton Bradley Company.

¹⁴Manufactured under license from Fox Video Games, Inc.

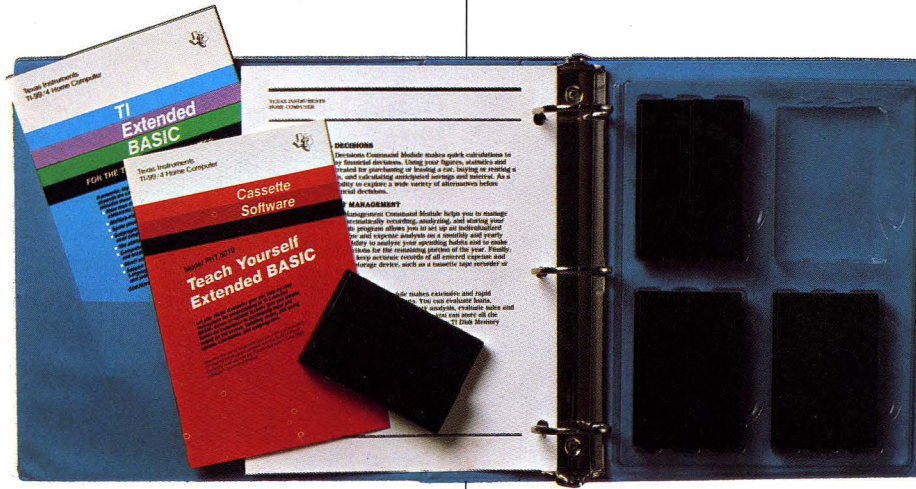
¹⁵Developed by Scott Adams

¹⁶UCSD, UCSD Pascal and UCSD P-System are trademarks of the Regents of the University of California.

¹⁷Developed in conjunction with Wolfdata.

Downloaded from www.ti99iuc.it

Software Albums and Special Value Packs.



TI makes it easy for you when it comes to software with TI software albums. You can purchase two or three program cartridges together in ten different subject areas. You get programs that are designed to complement each other. To help keep you organized, the programs come in their own attractive, easy-to-store binder.

The Home Financial Manager

This album can help your family with financial planning, major purchase decisions, investments, loans and savings. The three Solid State Software™ cartridges include: Home Financial Decisions, Household Budget Management and Personal Real Estate.

The Family Entertainer

The whole family will enjoy hours of entertainment with The Family Entertainer. It includes three exciting game program cartridges: The Attack, A-MAZE-ING, and Hunt the Wumpus.

The Elementary Educator

The three cartridges in this album help reinforce language or mathematics skills while also helping your child become more familiar with using a computer. Early Learning Fun is geared for the pre-school child, Addition and Subtraction 1 is for grades K through 2 and Beginning Grammar is for grades 2 and up. All three cartridges combine music and full color graphics.

And there are seven more libraries to choose from, including:

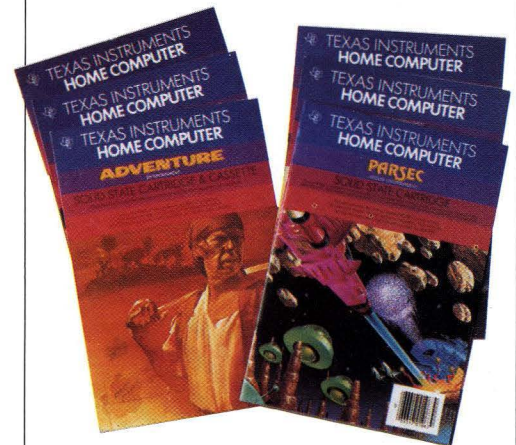
- The Music Educator,
- The Super Programmer,
- The Speaking Math Teacher,
- The TI Arcade Game Series,
- The Computer Introductory Package,
- The Speaking Scholastic Teacher and
- The Speaking Reading Teacher.

Entertainment Value Pack

TI's new Entertainment Value Pack contains six popular game programs now in one specially priced package. Here's what you get:

Parsec Blasto††
Adventure† Connect Four††
Hangman†† Oldies But Goodies II

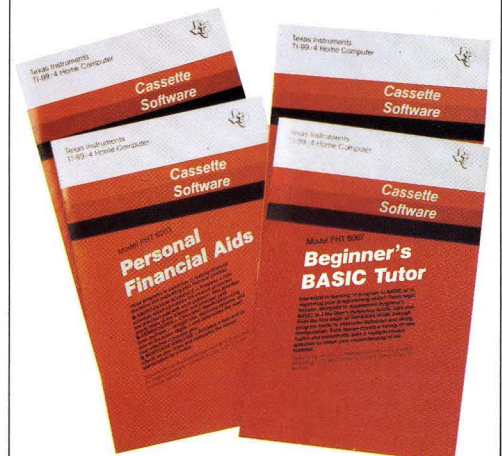
†Developed by Scott Adams
††Developed by Milton Bradley.



Variety Value Pack

Learn about programming, handle personal finances, play exciting games. The Variety Value Pack offers four programs in one educational, entertaining, specially priced package. Here's what you get:

Beginner's BASIC Tutor
Personal Financial Aids
Market Simulation
Oldies But Goodies I



A world of information at your fingertips.

TEXNETSM is a special edition of THE SOURCESM, an on-line, computer information and communication service. TEXNETSM was developed jointly by TI and Source Telecomputing Corporation to support many of the special features of the Texas Instruments Home Computer.

TEXNETSM Information Service was designed to help you get the most from your Texas Instruments Home Computer. Some of the special TEXNET services include:

TI Software Exchange — Hundreds of free software programs you can download directly to your TI-99/4A. Programs for fun, school, business created by other TI-99/4A owners just for your use.

TI Software Directory — A listing of the latest software available for the TI Home Computer from some of the best software producers.

TI News — An electronic newsletter with product and technical announcements from Texas Instruments.

TI User Group — A nationwide listing of Texas Instruments user groups and who to contact. Joining a nearby user group will open many new doors to you in using your computer.

TI Submit — Enables TEXNETSM users to submit software programs electronically to any of TI's software exchanges, including the International 99/4A Users-Group, Inc.

TI Voice Chat — Spoken, interactive communication from other on-line users made possible by using the optional Solid State SpeechTM Synthesizer.

TEXNETSM is a service mark of Texas Instruments Incorporated --- scanion by www.ti99iuc.it
The SOURCE is a service mark of Source Telecomputing Corporation, a subsidiary of The Reader's Digest Association, Inc.



TEXNETSM features these exciting services from The SOURCESM:

News and Information: You'll get the latest news from world news wires before it's printed.

Electronic Mail: A sophisticated electronic message service that lets you communicate with other TEXNETSM members.

Travel Services: You can check the latest flight schedules, then make your own airline, hotel and auto reservations, plus check restaurants and lodging in the city of your destination — all via TEXNETSM.

Business and Financial Service: You'll have continually updated business wires at your fingertips, including the latest price movements in all financial markets, commodity news and commentary and professional analyses of stock performance.

Consumer Services and Games: TEXNETSM brings you a wide variety of consumer services, including electronic shopping, tips and advice, and dozens of exciting games.

The TEXNETSM Information Service is easy to use.

To access TEXNETSM, you need only the Terminal Emulator II, RS-232 Interface and Telephone Coupler (Modem). Then when you want to use the TEXNETSM service, you just dial a local number in over 350 cities, type in your private ID account number and type in your commands in plain English.

Your TEXNETSM Subscription

An application is packed with your TI Terminal Emulator Cartridge or you can sign up for TEXNETSM Information Service at any authorized TEXNETSM dealer. If there's no dealer in your area, use the coupon to contact us directly

A wide choice of programming languages...

Whether you want to take advantage of a variety of existing programs, to learn how to program, or to develop sophisticated programs of your own, the TI Home Computer can meet your needs from start to finish.

The TI Home Computer is currently capable of handling six different languages and meeting any number of your needs.

TI BASIC

With your TI Home Computer you have the advantage of TI BASIC built right in. With other systems you have to pay extra for it, and you have the bother of having to load it into the machine each time you need it. Not so with The TI Home Computer. The TI Home Computer saves you time and money right from the start.

With TI BASIC you receive a rich, versatile programming language designed to make programming easy for you. You can apply it to the most demanding problems because it's powerful and accurate, yet it's one of the easiest languages to learn.

TI BASIC features include:

- dynamic string variables up to 255 characters
- three dimensional arrays of numbers and strings
- in-line editing with programs
- re-numbering capability
- variable names up to 15 characters
- English language error message
- full standard 64 character set provided as default
- powerful program debugging features — break points and trace.

TI Extended BASIC

TI Extended BASIC offers the same versatility, accuracy and ease of operation as TI BASIC. Additionally, this more powerful programming language gives your Home Computer a number of important capabilities such as:

- More than 40 new or expanded commands, statements, functions and subprograms.
- Multiple-statement lines for speed and efficiency.
- User-written subprogram capability.
- The ability to load and run one program from another (chaining).
- Improved error handling.
- Arrays up to seven dimensions. To name a few:

TI LOGO II

TI LOGO II is an ideal computer language for children and students of all levels of ability. Even children as young as 4 to find TI LOGO II an easy-to-understand language that actually makes learning fun.

TI LOGO II uses a step-by-step discovery method of learning that encourages the student to control the learning experience — and its commands are simple English words that small children can understand easily. It helps the student develop spelling and communications skills and sequential thinking through line drawings (turtle graphics) or animated graphics (sprites).

The TI Memory Expansion Card is required when using TI LOGO II.

TI LOGO II includes:

- Music with three voices and one noise generator
- Five predefined sprite shapes in the language — plus the option of student-defined sprite shapes.
- The ability to address a printer through an RS-232 interface.

TMS 9900 Microprocessor Assembly Language

With the aid of the Editor/Assembler Cartridge, the UCSD P-System Assembler/Linker diskette, or the TI Mini-Memory Cartridge, you can write programs in the powerful assembly language of the TMS 9900 microprocessor in your TI Home Computer. TMS 9900 Assembly Language is the fastest, most efficient language you can write in for the TI Home Computer because it “speaks” directly to the computer on the machine level. Communicating on the machine level gives you complete access to all system features, such as sound, speech, graphics, and I/O, as well as providing the highest speed possible for the TI Home Computer's 16-bit microprocessor. Your Assembly programs can be written to run in conjunction with TI BASIC, TI Extended BASIC, and Pascal programs, or as stand-alone applications.

You can write, link and run TMS 9900 Assembly Language programs and routines by using the line-by-line Assembler included on cassette with the TI Mini-Memory Cartridge. Other peripherals are supported but not necessary with the Mini Memory Assembler.

The Editor/Assembler cartridge requires — the Peripheral Expansion System, the Memory Expansion Card, and the Disk Memory System with at least one Disk Drive. Also available is a diskette containing the Assembler/Linker for the UCSD P-System.

...from the simplest to the most sophisticated.

UCSD Pascal Version IV.0

UCSD Pascal is a highly structured efficient programming language that is faster, more logical, and substantially more powerful than TI BASIC.

With UCSD Pascal you can write more efficient programs on your TI Home Computer and you can take advantage of the many existing UCSD Pascal Programs with little, if any, modification.

To run the UCSD P-System programs, TMS 9900 Assembly Language programs which use the P-System or Pascal requires the Peripheral Expansion System, Memory Expansion Card and the P-Code Card. Additionally, development of the P-System software requires the

Disk Controller, at least one Disk Drive, and the applicable diskette software packages.

TI PILOT

TI PILOT is an easy to use language for developing and using Computer Assisted Instruction (CAI) lessons. For use by educators, TI PILOT is ideal for developing quizzes and other course exercises in a wide variety of subject areas.

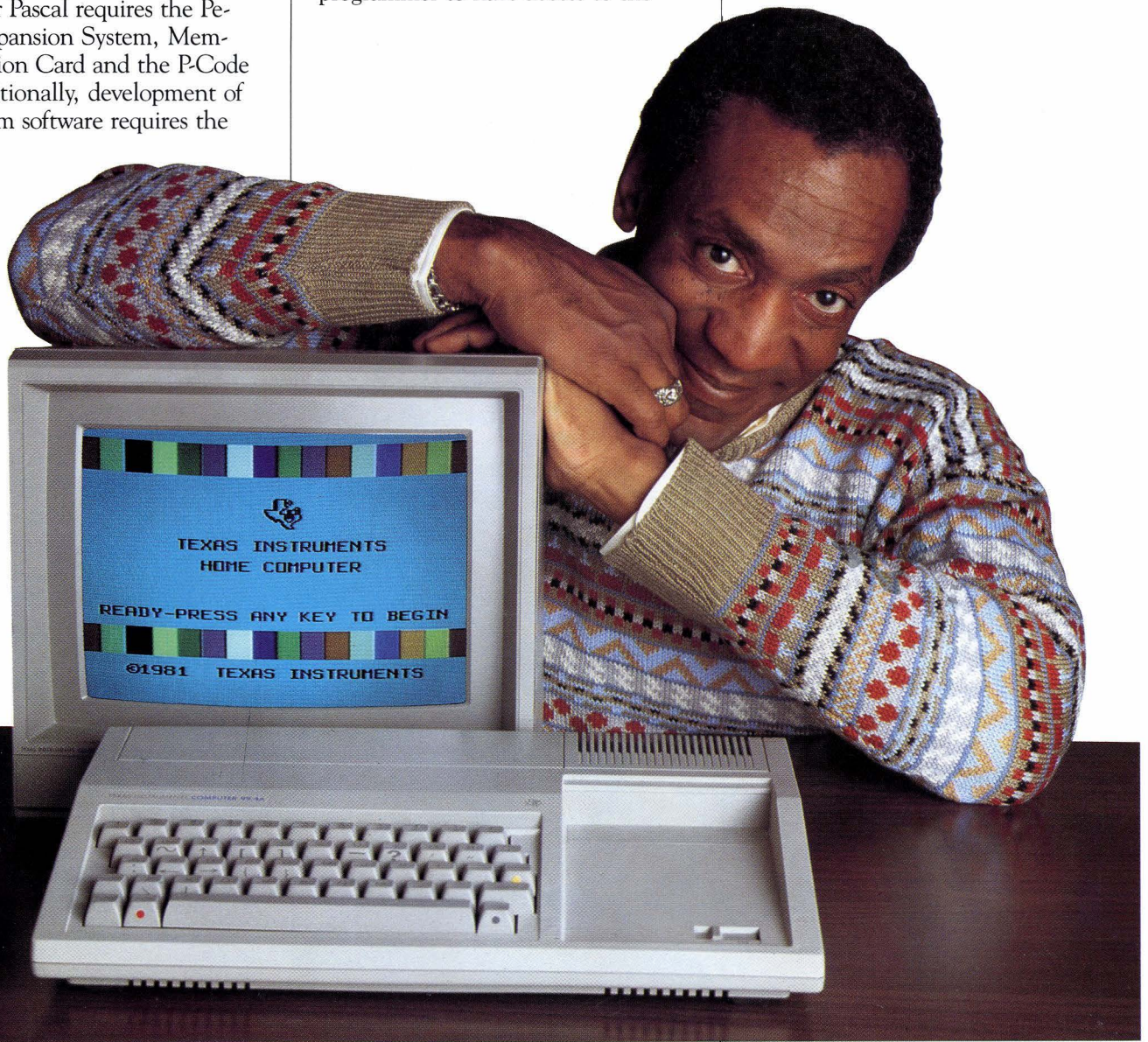
Designed by CAI specialists specifically for use with the TI Home Computer, TI PILOT enables the programmer to have access to the

Home Computer's unique instructional aids such as sprites, sound effects, and color graphics.

TI PILOT requires the Memory Expansion Card, the P-Code Card, and the Disk Controller, and one or more disk drives.

TI FORTH

This high-level language, which features extensibility, compactness, and fast execution, is appropriate for experts. Requires Memory Expansion Card, Disk Memory System, and Editor/Assembler cartridge.



Special services, activities and information.

Buying your TI Home Computer is just the beginning — we want to make sure you get as much enjoyment and utility out of it as possible. So we've got more in store for TI Home Computer owners:

TI Computer Advantage Club

Five Computer Advantage Club courses are held in over 100 locations in 27 metropolitan areas across the nation, on a regular basis. They feature hands-on training with a TI Home Computer system for children and adults. The courses assume no prior computer experience, and have been very successful in helping foster computer literacy.

The TI-99/4A Home Computer Newsletter

A monthly publication to all TI-99/4A owners who return their warranty registration cards. Contains the latest information on new accessories and software.

99'er Home Computer Magazine

Published especially for 99/4A owners, this magazine features articles about new programs, games and other features concerning every aspect of computing with the TI-99/4A. Write 99'er Magazine, P.O. Box 5537, Eugene, Oregon 97405 for subscription information. Published by Emerald Valley Publishing Co.

User's Groups

Helpful to owners interested in sharing technical information, keeping up to date on new hardware and software and exchanging thoughts and ideas.

Books

Texas Instruments publishes a series of educational books that lets you start simply and easily and move up in the world of computing. Titles include: Beginner's BASIC, Programming Discovery in BASIC, Understanding Microprocessors; Editor/Assembler Manual and many more.

Repair and Exchange Centers

Over 40 TI repair and exchange centers are located across the U.S. to help in the event of difficulty with your equipment. If difficulty occurs within warranty period, over-the-counter exchange will be made.

Toll-free Action Numbers

Texas Instruments Customer Service Representatives are always available to help you via the phone. Our phone lines are open from 8:00 am to 5:00 pm, Monday through Friday, CST.

If you have specific questions about the 99/4A, call (800) 858-4565.

If you have difficulty finding specific products or software, call (800) 858-4075.

For questions about the Computer Advantage Club, call (800) 858-4069. In Texas call (800) 692-1318.

Software Directory

A comprehensive list of available software for the TI-99/4 and TI-99/4A Home Computers is scheduled to be available through Texas Instruments. The *TI-99/4A Software Directory* (PHA 2619) contains software packages from both TI and third party authors.

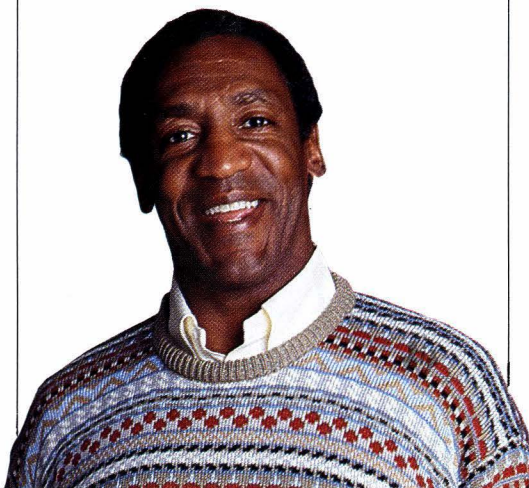
The directory contains abstracts of all the listed software programs, as well as four different category indexes. Programs can be located through the category index, TI category index, keyword index or author index. The program abstracts give a brief summary of the package and includes the author, author's address, type of medium on which the package is available, and the peripheral requirements for using the package.

The directory is scheduled to be updated periodically to keep it current with the growing list of software available for the TI Home Computer.

You may obtain a copy of the *TI-99/4A Software Directory* by calling the Consumer Hotline, (800) 858-4565, or the Software Line, (800) 858-4075. Orders may also be placed by writing to:

**Consumer Relations
PO Box 53
Lubbock, TX 79408**

Price for the directory is \$4.95 plus any applicable state tax. Please include \$2 for shipping and handling.





It's easy to introduce your family to the fascinating world of home computing. To get started, all you need is the TI-99/4A console and your own TV set. Then you can add more capacity, more capability as, and if, you need it. From simple startup to sophisticated systems, the TI-99/4A Home Computer is powerful, yet easy to use. This is the one. THE Home Computer ... from Texas Instruments.

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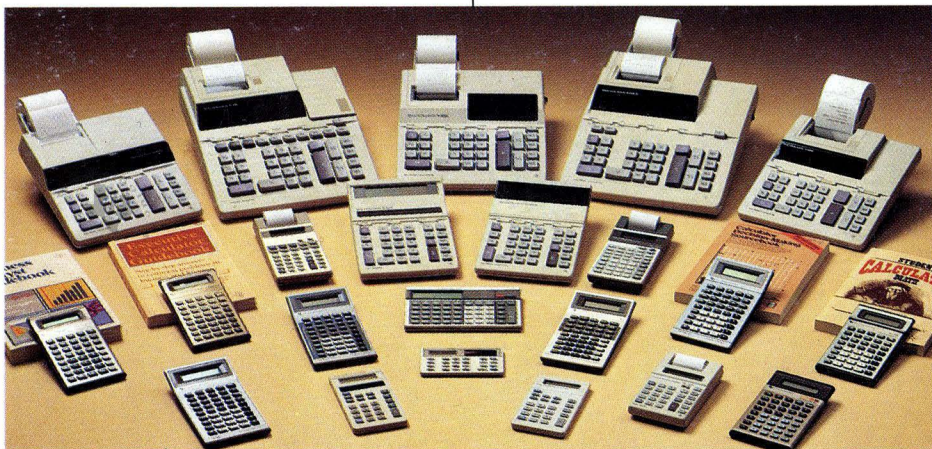
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