Touch the future.
1978
1979
1980
ATARI 800
ATARI® 800™
PERSONAL COMPUTER
SYSTEM

A few words about computers.

It's only been a little more than 30 years since the first computers were introduced. In that short time, the computer has revolutionized the way we work, the way we solve problems and apply our minds.

Every day, in thousands of ways, our lives are touched by computers. A computer handles everything from our monthly bank statements and utility bills to our credit cards and airline reservations. The computer has become a vital part of the way we live our lives.

The only trouble with the early computers was the computers themselves. They were too big. Too complex and complicated. And so expensive only government and the biggest businesses could afford to put one to work.

Computers have come a long way since then. Recent major advances in computer design and technology have meant a new generation of machines. Today's computers can do much more than their predecessors. They're much easier to operate. And even easier to own.

What was once an intriguing science fiction concept has now become fact: the age of the personal computer has begun.

Introducing the ATARI® 800.™

The idea behind the ATARI 800 computer was amazingly simple: take advantage of the revolution in computer technology to develop a computer so advanced that anyone could use it.

The ATARI 800 is a sophisticated, interactive computer that's easy to own. And simple to use. Even if you've never used a computer before.

All you do is connect the 800's output to the antenna terminals on your television. And you're ready to put your ATARI 800 Personal Computer to work.

But don't let its ease of operation fool you. The ATARI 800 is also a fully programmable general purpose computer, programmable in BASIC with the Atari BASIC language cartridge included with your system.

The ATARI 800 Personal Computer has its own family of peripherals. And the 800's unique, plug-in Memory Modules let you instantly expand your computer's internal memory to suit your needs.

Then there's Atari's comprehensive software library. Plug-in cartridge and cassette tape programs in everything from business management to home finance, tax planning and computerized educational subjects. Plus some of the most challenging computer games ever.

And the ATARI 800 is backed by one of the world's most technically sophisticated service systems. A national network of computer-connected service facilities for the highest quality service. In the shortest possible time.

The ATARI 800 Personal Computer System. This is where the age of the personal computer begins.

What it can do.

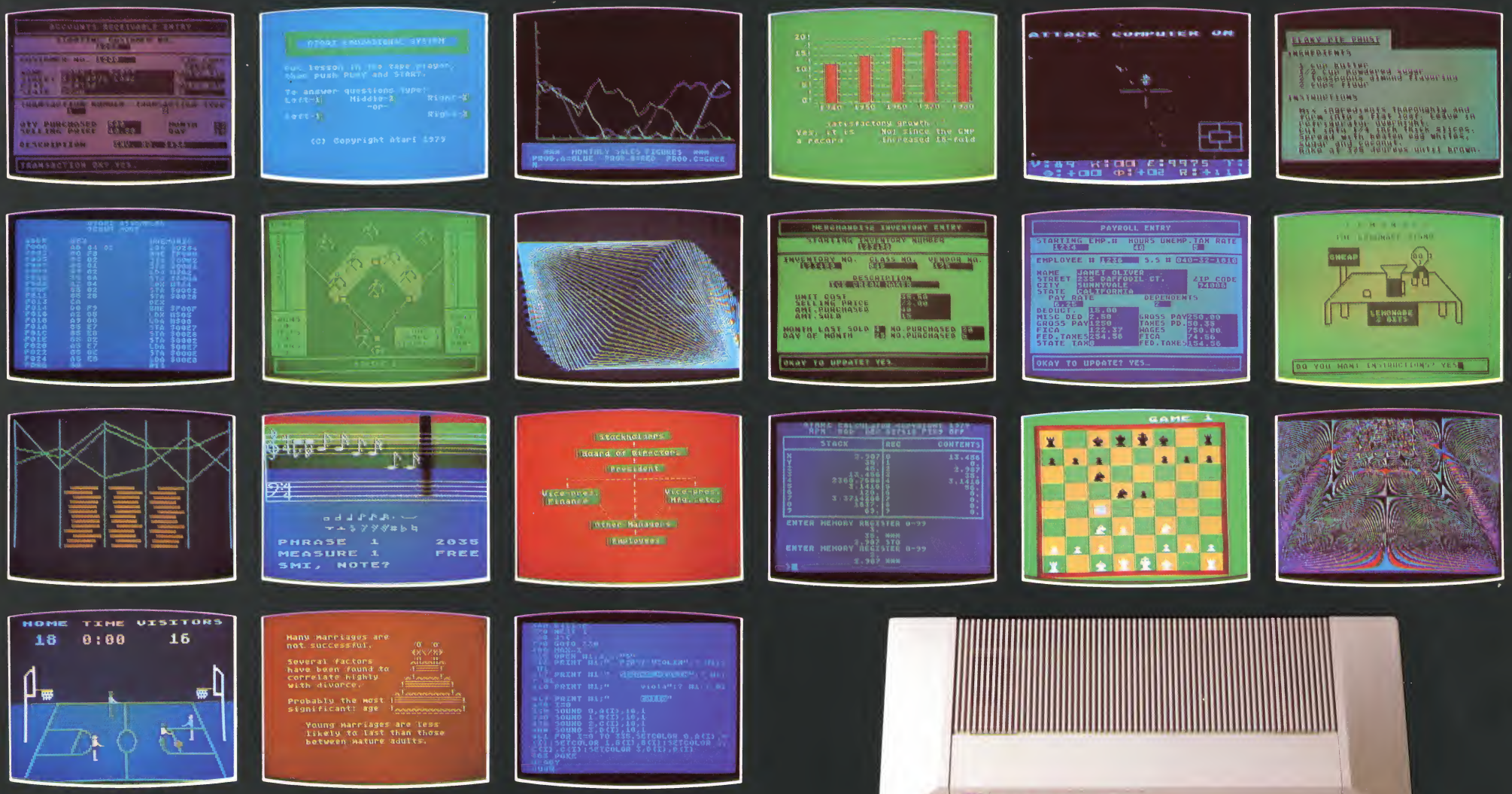
The ATARI 800 Personal Computer System can do many of the same things for you that larger computers have been doing for the business world for more than two decades.

With its standard 8K (8192 bytes) internal RAM memory, the ATARI 800 can store, file and give you instant data access for hundreds of business and household applications, educational programs and computer games.

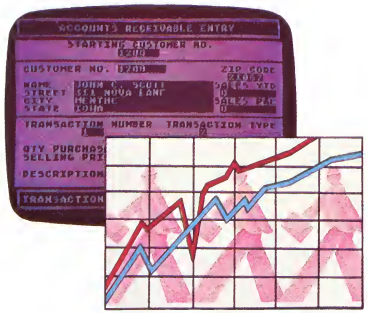
And you can add to your computer's capabilities by increasing its RAM memory with optional plug-in Atari Memory Modules. 8K and 16K (16,384 bytes) modules let you expand up to 48K (49,152 bytes) of RAM for higher level programming and even more sophisticated uses.

Or go for the ultimate ATARI 800 Personal Computer System, with up to four optional disk drives. Each uses standard 5¼ inch diskettes, which provide up to 88K bytes of memory storage.

The ATARI 800 Personal Computer System. No matter what your level of computer experience, it can open up a whole new world of applications, games and solutions.



ATARI® 800™
Think of the possibilities.



Business Management.

For the businessman, the ATARI 800 Personal Computer is the ideal way to put a computer to work. You get the benefits of computerization without the cost and complications of a large scale computer operation.

With its expandable memory and peripherals, the ATARI 800 Personal Computer can provide an information management system that's suitable for the needs of most small businesses.

You can use the ATARI 800 to keep track of accounts receivable and payable, inventory control, shipping and receiving records. Even payroll and tax preparation. Or use one of the optional Atari Financial Management programs with your computer. To do the books. Balance the company checkbook. Analyze income and expenses.

Connect your ATARI 800 computer to an optional ATARI® 820™ Printer, and you've got an in-house, inexpensive computer center which you can program to handle everything from printing sales reports to turning out an alphabetized mailing list.

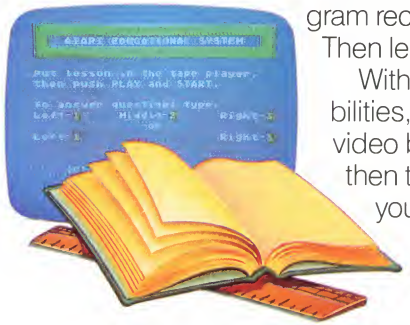
Education.

Since the ATARI 800 is an interactive computer, it can be extremely valuable—and enjoyable—as an educational tool.

So we developed the Atari Talk & Teach™ Educational System.

The Atari Educational System provides self-paced instruction in more than 15 separate subject areas. Everything from U.S. History, Accounting and Physics to Business Principles, Effective Writing and Algebra.

All you have to do is pick your favorite subject. Then load the appropriate cassette into the ATARI® 410™ cassette tape program recorder which comes with your system. Then learn from your computer.



With its superior graphics and audio capabilities, the ATARI 800 Personal Computer is a video blackboard that teaches, asks questions, then tells you if you have the right answer. At your own pace. And your own level.

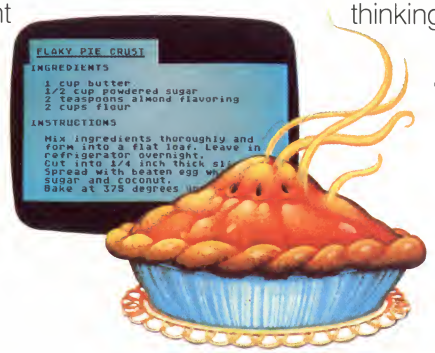
Home Management.

Why not put an ATARI 800 Personal Computer to work for you at home?

With its ability to store, organize and retrieve large amounts of information, the ATARI 800 can take care of hundreds of time-consuming tasks around the house.

Use the ATARI 800 Personal Computer to keep an expandable, computerized recipe index. Or an instant record of important appliance and automotive serial numbers. Or dates. Or addresses. Or any information you need to keep instantly available.

And with Atari's optional home management programs, you can use your computer to help run your household. Balance your checkbook and keep on top of household budgets with the Financial Management program. You can even use the ATARI 800 to help do your taxes, analyze your investments or put together your holiday mailing list.



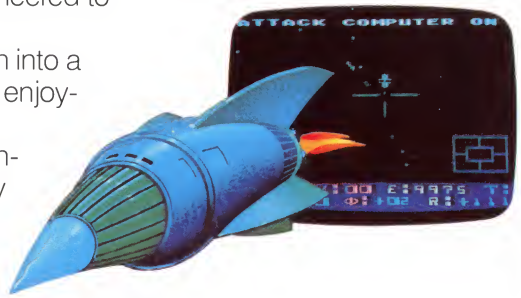
Entertainment.

The ATARI 800 Personal Computer wasn't just engineered to be practical. It was also designed to be fun.

It can turn your black and white or color television into a playground for some of the most challenging, most enjoyable computer games you've ever played.

Plug in an optional game cartridge and hand controller. Then get set to test your skill against as many as three other players in Computer Basketball, Super Breakout™ or Computer Chess. Or any one of a wide variety of Atari computer action and thinking games.

And if you feel really lucky, play one-on-one against the computer for a real challenge.



Peripherals.

The ATARI 800 Personal Computer is the heart of a whole family of modular computer components. Which means you can assemble the Atari Personal Computer System that fits your specific needs, then alter the system as your needs and applications change.

ATARI® 410™ Program Recorder. Supplied with your ATARI 800 Personal Computer. The program recorder gives you the ability to utilize any Atari pre-recorded tape cassette program. It also lets you store your own programs on audio cassette tapes. It can store up to 100K bytes per 60 minute tape.

ATARI® 810™ Disk Drive (optional). Uses standard 5¼ inch diskettes to add up to 88K bytes of rapid access information storage for each diskette. As many as four 810 Disk Drive units can be operated simultaneously and accessed individually.

ATARI® 820™ Printer (optional). High resolution, dot-matrix impact printer uses inexpensive, standard roll paper. Prints more than 2,000 characters per minute to provide permanent printed records of program listings and program results.

ATARI Memory Modules (optional). Unique 8K and 16K plug-in RAM modules let you instantly expand your computer's internal memory up to 48K.

Software.

The hardware which makes up the ATARI 800 Personal Computer System is only half the story.

The other half is Atari's complete software library. You get a full choice of ROM cartridge, tape cassette, and diskettes that give you complete control in shaping your computer's character and applications. For data management. For problem solving. For education. For fun and games.

You can even create and apply your own programs. Atari's BASIC Language cartridge gives you direct access to your computer's central processing unit, memory and color, sound and file transfer capabilities. So you can design, write and implement your own programs. Or modify existing ones to suit your needs. Easily. Even if you've never talked to a computer before.

Specifications.

Console: Built-in RF modulator with FCC approval for connection to any TV. Composite video output jack for connection to monitor (optional). CPU 6502; 0.6 microsecond cycle.

Colors: 16 colors, each with 8 intensities.

Sound: Four independent sound synthesizers for musical tones or game noises. Four octaves, variable volume. Internal speaker (in addition to audio through TV).

Keyboard: 57 fullstroke keys and 4 separate function keys. Alpha, numeric and graphic keys. Upper and lower case. Inverse video. Full screen editing. Four-way cursor control.

Memory: Random Access Memory (RAM): 8K bytes supplied. Expandable up to 48K with user replaceable 8K or 16K Memory Modules.

Read Only Memory (ROM): 10K bytes. Expandable with user installed solid state cartridge programs, up to 16K bytes each. Two easily accessible slots provide up to 16K of additional memory.

Atari BASIC Cartridge and Educational System Master Cartridge included.

I/O: Serial input-output port for simple connection to peripherals.

I/O: Four controller ports for paddle controllers and joysticks.

Display: Television screen. 24 lines of 40 characters. Resolution 320 by 192.

Power: Wall mounted AC transformer. UL approved.

Dimensions: 12½" x 16" x 4½"

Weight: 9 pounds, 12 ounces

Warranty: 90 day parts and labor on ATARI 800 console.

ACCESSORIES:

ATARI® 410™ CASSETTE TAPE PROGRAM RECORDER (included)
- Automatic control of volume, tone and motor
- Two channels for simultaneous audio and digital information
- 3 digit tape counter
- Information transfer rate. 600 bits per second
- UL approved

ATARI® 820™ PRINTER (optional)
- High resolution, dot-matrix impact printer, uses standard 3⅞ inch roll paper and ribbon
- 40 characters per line
- Speed: 40 characters per second
- UL approved

ATARI® 810™ DISK DRIVE (optional)
- Uses standard 5¼ inch diskettes
- 88K bytes storage per diskette
- Up to 4 disk drive units can operate with the system
- Average data access time: 236 milliseconds
- Power: Wall mounted AC adapter; UL approved

ATARI reserves the right to make changes in materials and specifications without notice.

ATARI 820 Printer. High resolution, dot-matrix printer keeps a permanent record of your programs and their results.
Joystick, paddle and driving controllers. Let you direct the action in some of the most challenging computer games you have ever played.
ATARI 820
ATARI 810
ATARI 410
EDUCATIONAL SYSTEM
BASIC
BASKETBALL
MUSIC COMPOSER
ATARI 400/800
Atari pre-recorded cassette tape programs. In a wide range of subjects, from computerized study to small business management.
ATARI 410 Program Recorder. Lets you write and store your own programs on standard audio cassette tapes.
ATARI 810 Disk Drive. Dramatically increases your memory storage capabilities.
Diskettes (not shown). Standard 5¼ inch size. Store a full 88K bytes per diskette.
Atari plug-in cartridge programs. A complete library of education, practical applications and dynamic entertainment.
ATARI 800
ATARI 800 Personal Computer. Easy to operate. Easier to own. This is where the age of the personal computer begins.
Computer control keyboard. Full 57 key. Operates like an electronic typewriter to give you full upper and lower case alphanumeric and graphic display control.
ATARI CX852 MEMORY MODULE 8K·RAM
ATARI CX853 MEMORY MODULE 16K·RAM
ATARI CX853 MEMORY MODULE 16K·RAM
Expandable memory. An 8K or 16K Memory Module™ gives you the ability to instantly expand your computer's memory up to 48K.
The 800 System.

Touch the future.

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