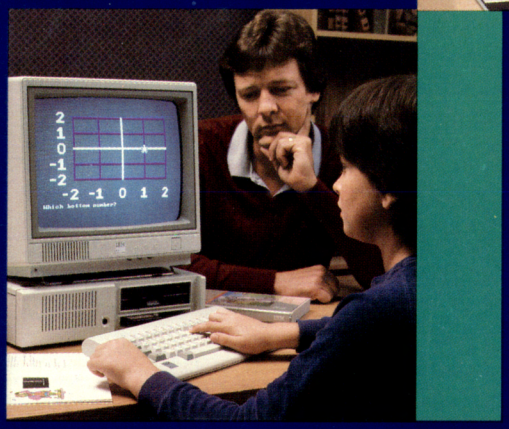
IBM PCjr

It'll bring out the best in you



IBM

Introducing new IBM PCjr features designed to bring out the best in you

Our personal best. We all strive for it; self-improvement is always in style. Writers look for better ways to write. Students look for better ways to learn. Investors look for better ways to manage their money. And everyone looks for better ways to have fun.

PCjr—IBM's most compact, most affordable personal computer—can bring out the best in many different kinds of people. Students and stockbrokers. Budgeters and businessmen. Writers and record-keepers. Almost anyone who is looking for a better way to plan, to analyze, to organize and to learn will find PCjr a valuable tool.

And now there are even more ways for PCjr to bring out the best in you, thanks to new enhancements that make the system more powerful and more versatile than ever. These enhancements include:

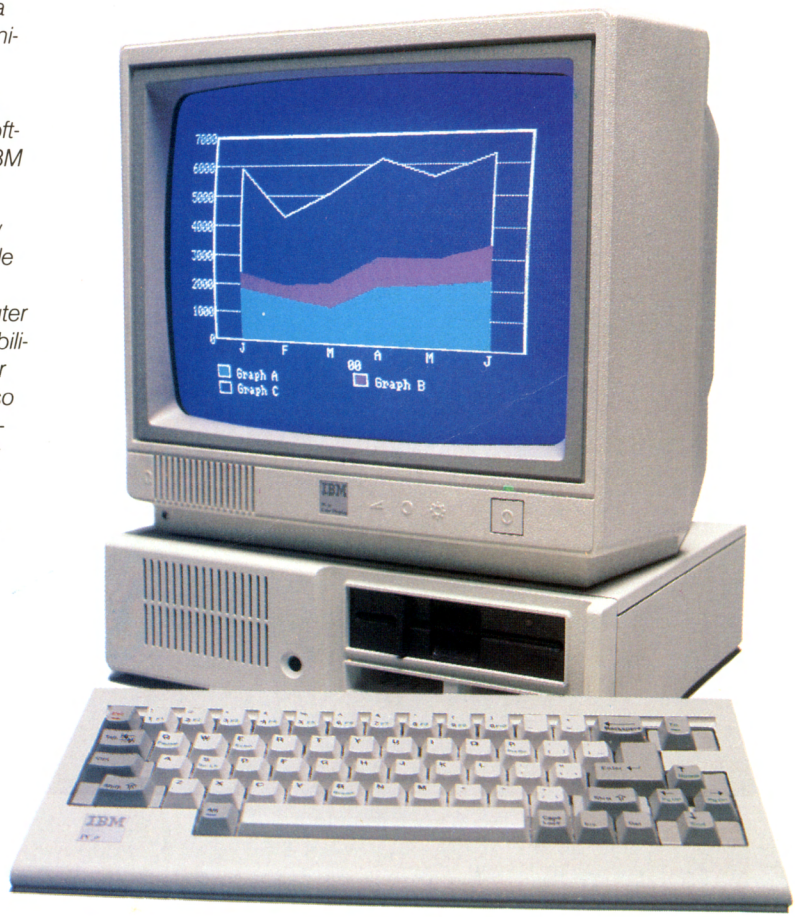
- *The new, 62-key PCjr Keyboard, which is well suited to touch-typing and professional applications.*
- *Memory expansion attachments that enable PCjr to run more than a thousand software programs, including many of the most sophisticated programs available.*
- *The PCjr Speech Attachment Card, which gives PCjr a voice of its own.*

There are two PCjr models: the PCjr Entry Model and the PCjr Enhanced Model. No matter which model you choose, you're getting a powerful computer with all the markings of IBM:

- *Performance: PCjr's high-speed microprocessor—the same one used in other IBM PCs—manages and processes data quickly and efficiently.*
- *Expandability: PCjr's built-in connectors are an invitation to customize your system by adding a display, a printer, an external diskette drive, joysticks, light pens, and more. And the flexible, "open architecture" design allows you to lift up PCjr's cover and add extra memory, an internal telecommunications modem, and more.*
- *Software compatibility: PCjr can run many of the thousands of software programs used on other IBM Personal Computers.*

IBM PCjr.™ No other comparably priced computer can help people in so many ways, because no other comparably priced computer offers so many computing capabilities...so many ways to tailor your system to specific needs...and so versatile a library of software programs to help bring out the best in you.

Shouldn't your first computer be from IBM?



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A personal computer for a variety of needs

If you write, plan, study, shop, bank, organize, work and play, you're going to love your IBM PCjr. Because it will show you faster, easier, better ways to do all these things.

Specifics? Here are a few that may interest you:

Bring a world of information to your desktop.
Plug PCjr into your telephone lines and gain access to a world of information. With a software package like Personal Communications Manager and a modem—a compact electronic device that lets computers communicate by phone—you can gain access to a wide variety of subscription data base networks, including those that can:

- *Help you make investment decisions by providing stock prices and other current financial data.*
- *Provide you with updated news and weather reports, airline schedules and movie reviews.*
- *Put an encyclopedia article or dictionary entry on your screen.*
- *Let you do your banking from your easy chair.*
- *Display an electronic retail catalog, allowing you to shop at home.*
- *Bring an electronic university to you, so you can work toward earning a college degree from your living room.*

Expand your knowledge.
PCjr is an educational tool in a class by itself, acting as a one-to-one tutor in many subject areas. Not only can it help children sharpen their skills, but it can also help them learn new ones.

Logo[1], Turtle Power and Adventures in Math are just a few of the many PCjr educational programs that are available for students of almost every grade level—in such subjects as math, reading, history, typing, foreign languages, and many more. There are even programs designed to help increase SAT scores.

Manage your finances.
When you sit down to sort through your finances, make it a point to have PCjr with you. You don't need accounting or bookkeeping experience to discover how much more easily and accurately you can manage your money. With the IBM PCjr and a planning/analysis program like IBM Planning Assistant[2] or Andrew Tobias Managing Your Money™ With the IBM PCjr[1], you can convert a deluge of statements, bills, checks and receipts into concise groupings of data and evaluate anything from a household budget to a company-wide strategy.

Get yourself organized.
It's called data base management, but it simply means a more precise, more convenient method of record keeping and filing. Call on PCjr to put your house or office in order by reducing clutter and its by-products: disorganized or misplaced records, overstuffed file folders, indecipherable address books, and overlooked appointments.

Data base programs such as IBM Filing Assistant and IBM Reporting Assistant enable you to maintain a computerized file on anything from a client listing to a club membership roster to a holiday gift list. Let PCjr help you manage your time, too, by keeping track of engagements and appointments and reminding you of important dates throughout the year.

Write faster and better.
Word-processing programs like DisplayWrite 1 or IBM Writing Assistant can turn PCjr into a valuable writing/editing aid that can help make your documents letter-perfect. Type term papers, presentations...even the Great American Novel. Then add, delete or revise text and correct typographical errors right on the display screen... before your document is printed on paper. When you're done, hand your document over to an electronic proofreading program such as Word Proof[3]—which checks your spelling and hyphenation—and then save your work for retrieval whenever you need it.

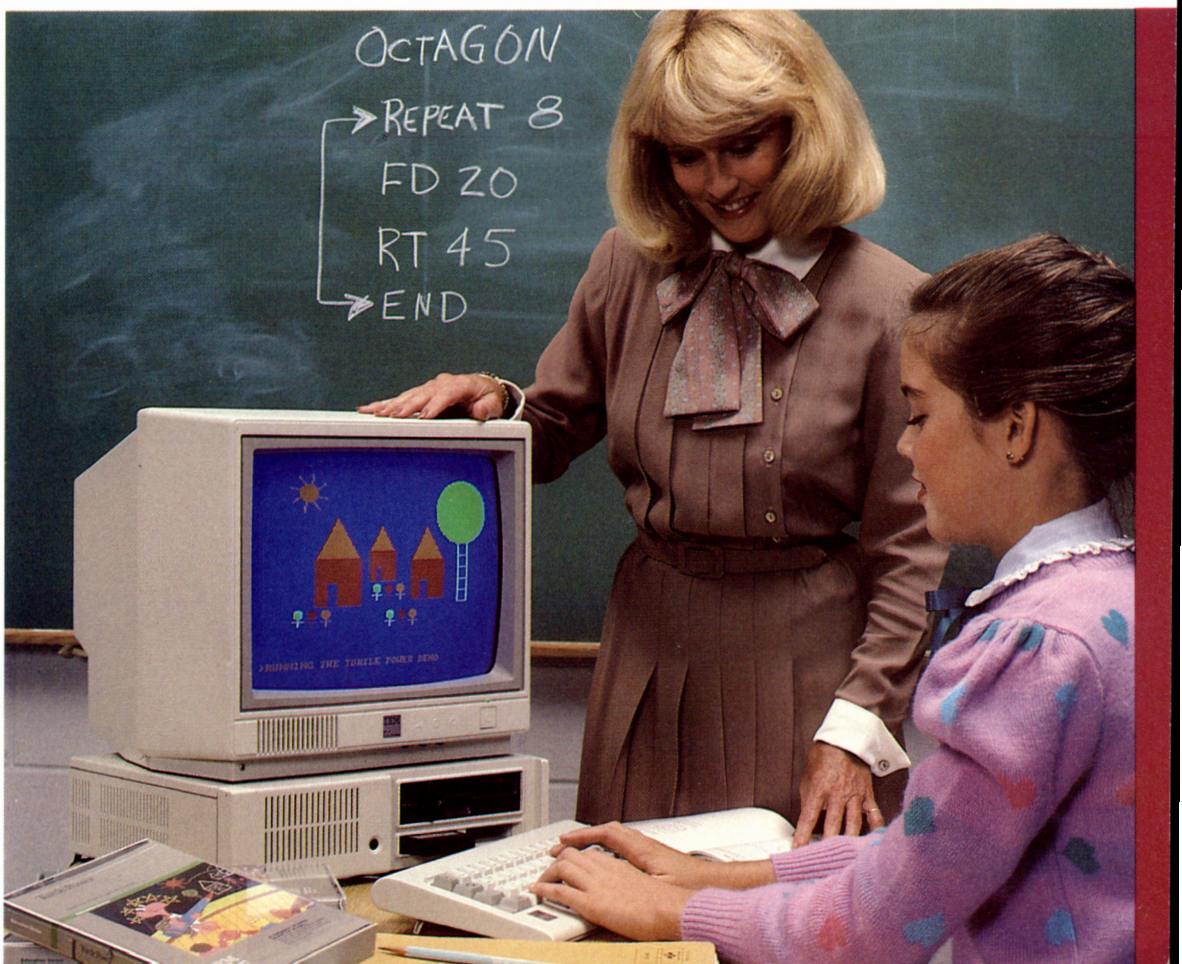
Have fun.
All work and no play would make PCjr a very dull PC. And PCjr is anything but that, featuring a vast array of exciting software to challenge your mind, test your reflexes, and develop your creativity. IBM PCjr ColorPaint[1], for example, is a stimulating software package that turns your color display screen into an easel and can turn you into a video artist.

And more and more.
The IBM PCjr is, in a word, tireless. And, with the capability to add more memory and more options to PCjr whenever you want, you'll probably stop thinking of things for PCjr to do for you before PCjr ever runs out of energy.

[1]*Logo is a trademark of Logo Computer Systems, Inc. Managing Your Money is a trademark of Micro Education Corporation of America. ColorPaint by Marek and Rafal Krepec Inc.*

[2]*Available first quarter, 1985.*

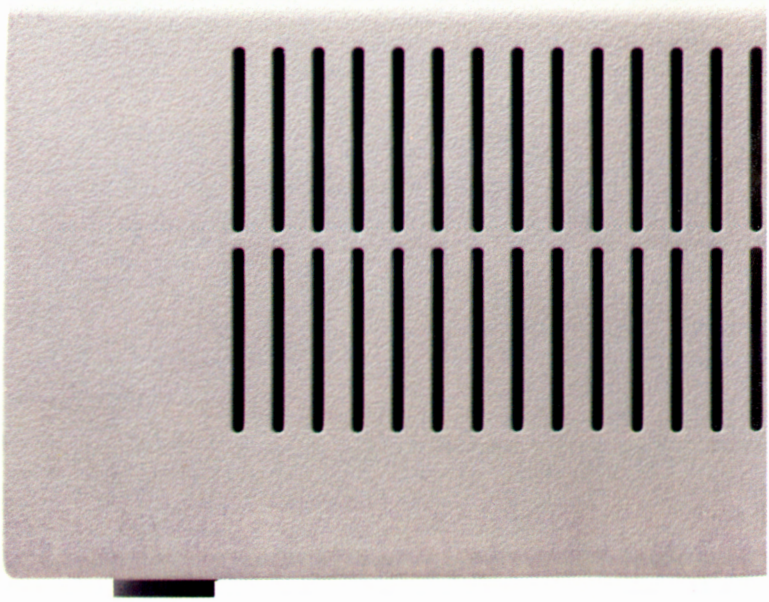
[3]*Word Proof is available either as a separate IBM software program or as a part of IBM Writing Assistant.*



Three-voice sound
PCjr doesn't just generate beeping or buzzing sounds. It also produces real music—in three-part harmony. In fact, with an optional cord, you can easily plug PCjr into your home stereo and turn your computer into a synthesizer to make your own music.

IBM PCjr: A lot of computer for your money

The fact that PCjr is a member of the IBM family of personal computers should say a good deal about its power and performance. PCjr includes many of the same advanced computing capabilities as the IBM Personal Computer, an industry leader in personal computer design.



[1] *User memory on the PCjr Entry Model can be expanded to 128KB by installing a PCjr 64KB Memory and Display Expansion option and a PCjr slimline diskette drive. Both the PCjr Entry and Enhanced Models' memory can be expanded to 256KB by also installing a 128KB Memory Expansion Attachment. The memory of both models can be further expanded, to 512KB, by installing additional 128KB Memory Expansion Attachments and the PCjr Power Expansion Attachment.*

[2] *Requires Lotus 1-2-3 PCjr installation kit and additional memory.*

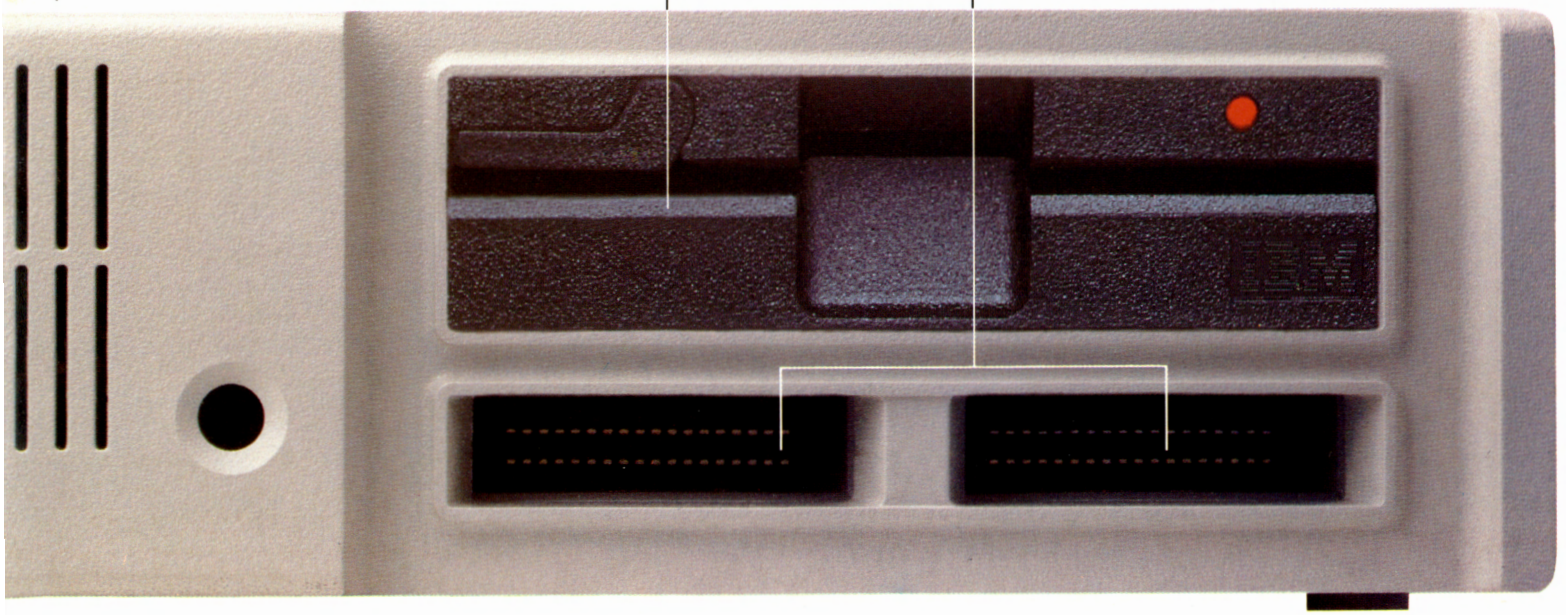
User memory: 64KB, 128KB, and more
The PCjr Entry Model comes with 64KB of user memory standard, and the PCjr Enhanced Model with 128KB. But that's not all. With IBM expansion options, PCjr's memory can grow by leaps and bounds—all the way up to 512KB,[1] in fact. That's enough to run the same sophisticated programs you use on your office IBM PC, such as Lotus 1-2-3.[2]

64KB of permanent memory
Many other small computers are content to offer 16KB of ROM or permanent memory. PCjr gives you 64KB. That extra memory goes a long way toward making PCjr very easy to learn and use, because it offers built-in features that lesser, 16KB ROM machines simply do not have. These features include an automatic power-on self-test that checks System Unit components every time the computer is turned on, and a built-in tutorial program that teaches new users how to use the PCjr Keyboard.

360KB diskette drive
The slimline diskette drive that comes with the PCjr Enhanced Model (and is available as an option for the PCjr Entry Model) can store 360KB, or more than 150 pages of information. Most other small computers can't give you half that much.

Two cartridge program slots
Not many computers can run cartridge programs. But PCjr can. Unlike diskette programs, cartridge programs don't take up any user memory. Which means more memory available for you to use.

16-bit microprocessor
PCjr uses the same high-speed, 16-bit, Intel 8088 microprocessor as other members of the IBM PC family, so PCjr can handle and process information a lot more swiftly than computers with 8-bit microprocessors.



A New PCjr Keyboard

The new, 62-key PCjr Keyboard takes its cue from the highly functional IBM Personal Computer Keyboard.

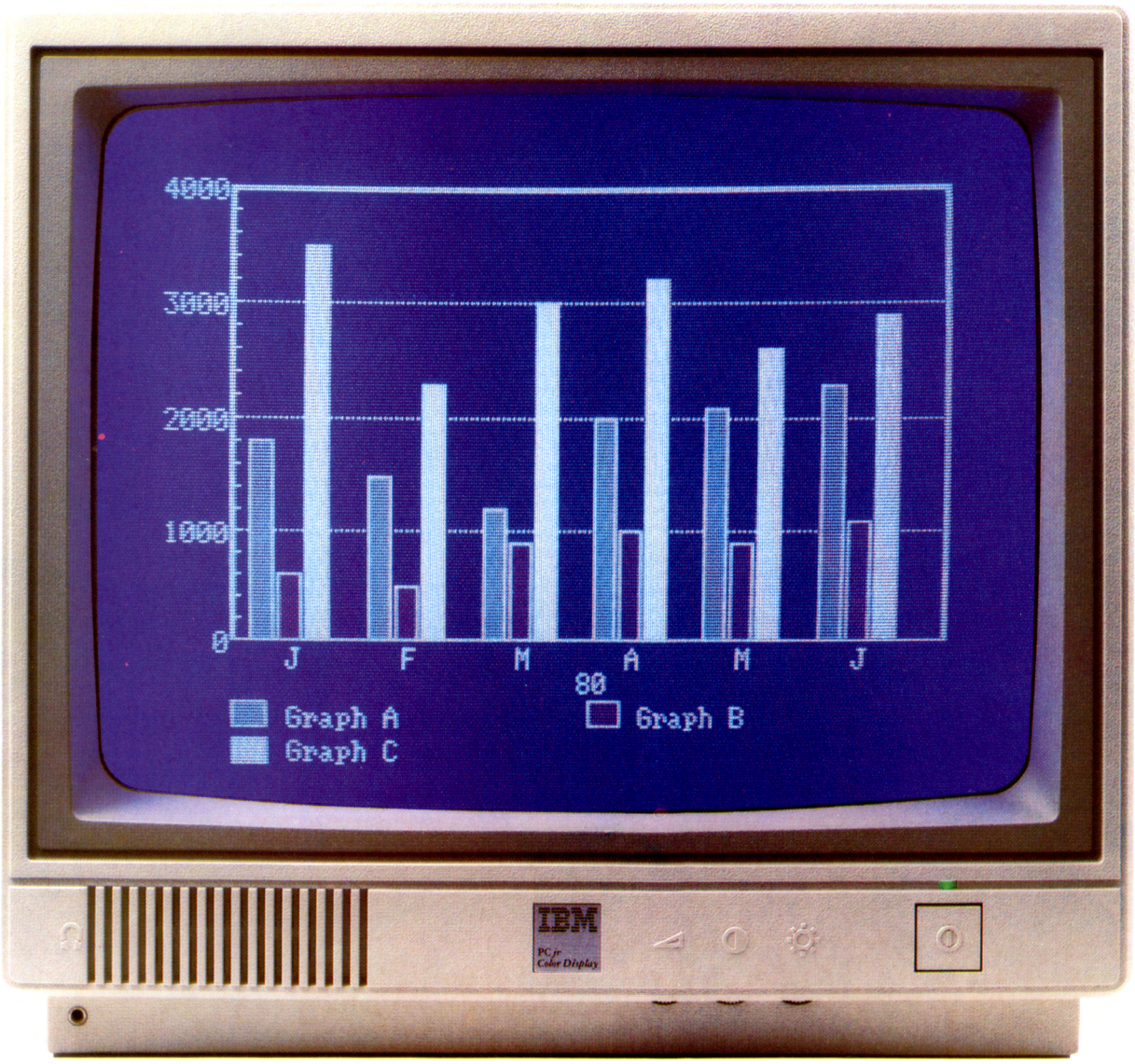
The PCjr Keyboard's typewriter-like layout and tactile feel are well suited to touch-typing and other professional applications that require quick data entry.

Another valuable feature of the PCjr Keyboard is its set of 10 special function keys, which make it easy for you to activate frequently used commands quickly. And the keyboard is color-coded for ease of use.

This lightweight keyboard also is cordless, using infrared light to interact with the System Unit—similar to the way a remote control device is used with a TV set. (An optional keyboard cord is also available.)

Expand your computing capabilities

The IBM PCjr System Unit includes several built-in connectors that allow you to add a wide array of hardware options to meet various needs. Most of these devices plug right into PCjr's back or side panels or fit neatly inside the System Unit.



◀ PCjr Color Display
This high-quality color monitor—specially designed for use with PCjr—has a 13-inch (diagonal) screen that displays text and graphics in as many as 16 vivid colors—up to 8 at once. Of course, you can use another display—such as the IBM Color Display, a television set (with the PCjr Connector for TV), or a composite monitor. These display options plug right into the back of the PCjr System Unit.

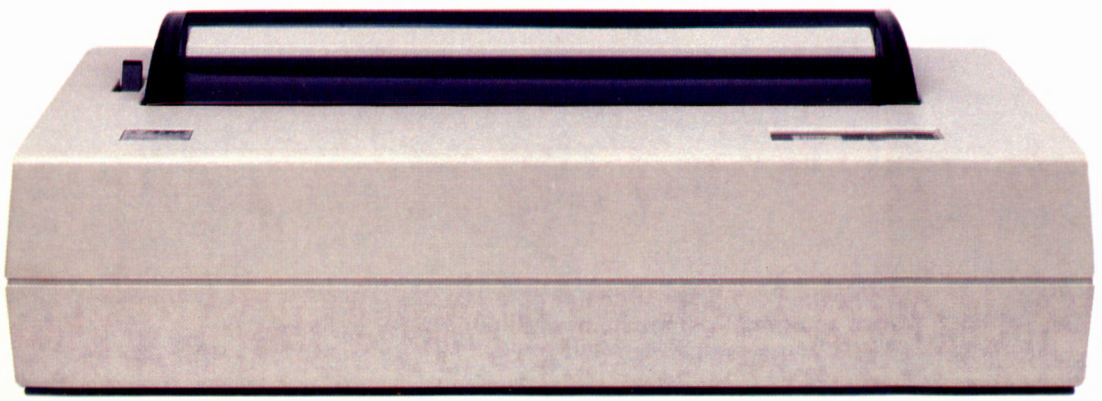
◀ ***PCjr Joysticks***
For playing entertainment programs, plug a couple of joysticks into the System Unit, and there's no telling how many intergalactic aliens can be destroyed, how many mice caught, how many treasures uncovered...

▼ ***IBM printers***
Take your choice of printers to print out your work on paper. You can use the lightweight IBM PC Compact Printer—designed specifically for use with PCjr—which plugs right into the back of the System Unit. Or, with an optional PCjr Parallel Printer Attachment, you can connect the IBM Graphics Printer, the IBM Personal Computer Color Printer, or other compatible printers.

A conversation piece
Your PCjr can have a voice of its own. Just add the IBM PCjr Speech Attachment and, with the appropriate software, PCjr can talk to you by using both its own vocabulary of 196 words and sounds and additional words that you can "teach" the computer by speaking into a microphone plugged into the System Unit.

More data storage
External diskette drives that are available from other manufacturers can greatly increase the amount of information you can store on the IBM PCjr.

Telecommunications
You can't see the optional PCjr Internal Modem, because it's nestled inside the System Unit. With the PCjr Internal Modem and a communications program, you can use phone lines to exchange information with other IBM Personal Computers and compatible mainframes. You can also call subscription networks that let you bank at home, track your investments, check airline reservations, and more.



More than a thousand software programs for the IBM PCjr

Because PCjr is a member of the IBM family of personal computers, you can use many of the available software programs written for IBM PCs.

That includes software for business ...for education...for writing and editing...for automated filing...for financial planning...for entertainment...for just about anything you can use a computer for.

This software compatibility means you can run many of the same programs on the IBM PCjr that you do on your office IBM PC, PC XT or Portable *PC. And, because you can take home the diskettes you're using on your office IBM PC and finish your work with PCjr, you may find yourself spending less time at the office and more time at home.*

There are more than a thousand software programs that can run on the IBM PCjr. Here is just a partial list:

Writing and editing

...or word processing. There are programs available that turn your PCjr into an efficient word processor for writing, revising, editing, moving, copying and filing text. Write a 30-word memo or a 30-page term paper. Even check your spelling and hyphenation.

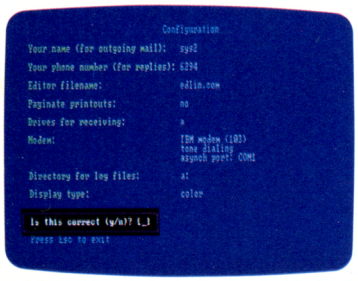
IBM Writing Assistant
HomeWord[1]
Word Proof
DisplayWrite 1
Personal Editor
Professional Editor
Bank Street Writer III[1]
WordStar[1]

IBM Writing Assistant

Communications

Using ordinary phone lines, a PCjr equipped with a modem can communicate with other IBM Personal Computers, your company's mainframe, and dozens of subscription data base networks that provide such services as at-home banking, stock market price quotes, airline schedules, electronic encyclopedias, and much more.

Personal Communications Manager
IBM Cluster Program

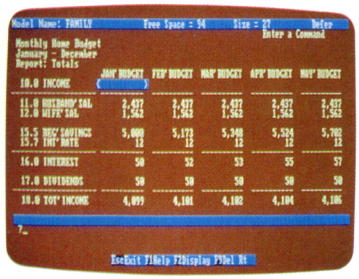


Personal Communications Manager

Planning and analysis

Some PCjr programs turn your display screen into an electronic worksheet to help you glide through financial planning—everything from a household budget to a company-wide strategy.

IBM Planning Assistant
Multiplan[1]
PlannerCalc[1]
Home Budget, jr
Lotus 1-2-3[1]

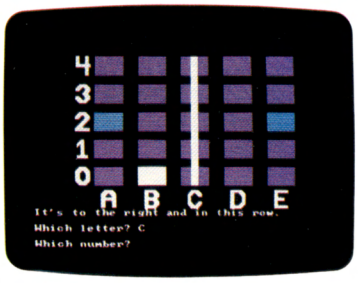


IBM Planning Assistant

Education

A long list of programs challenge students in subject areas ranging from logic to logarithms. Many of these programs use enjoyable game formats to make the learning process more exciting.

Bumble Games[1]
Bumble Plot[1]
Juggles' Butterfly[1]
Gertrude's Secrets[1]
Gertrude's Puzzles[1]
Rocky's Boots[1]
Turtle Power
Logo
Karel the Robot
Adventures in Math
Computers and Communications
Mastering the SAT[1]



Bumble Games

Lifestyle and entertainment

Just watch how nicely PCjr can fit into your lifestyle. Let PCjr help you with such important tasks as managing personal finances. Then reach for a game cartridge or diskette–and repel a swarm of insects ...or break the bank at Casino Royale. The list goes on.

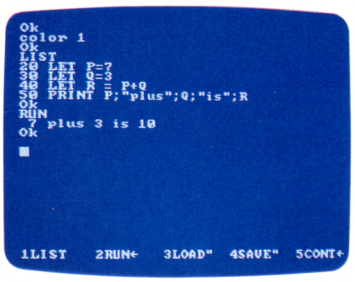
Andrew Tobias Managing Your Money With the IBM PCjr
IBM PCjr ColorPaint
Animation Creation
Crossfire
King's Quest[1]
Adventure
Casino Games 1.05
Strategy Games 1.05
Adventure in Serenia
Flight Simulator[1]

IBM PCjr ColorPaint

Programming

If you want to truly test the limits of what you can do with your PCjr, there's a good deal of programming software available to satisfy your desire.

BASIC Compiler
Macro Assembler Version 2.00
BASIC Programming Development System
IBM PCjr BASIC
Print Screen Utility Program
SORT
COBOL Compiler
FORTRAN Compiler Version 2.00
Pascal Compiler Version 2.00

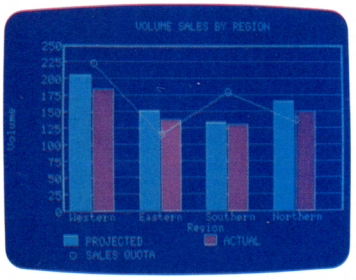


IBM PCjr BASIC

Automated filing

Data base programs provide you with a quick, easy, automated system of filing, retrieving and presenting important data.

IBM Filing Assistant
IBM Reporting Assistant
IBM Graphing Assistant
IBM Assistant Executive Solutions
IBM Assistant Accounting Solutions
IBM Assistant Home Solutions
FileCommand
Mailing List Manager
Diskette Librarian



IBM Graphing Assistant

[1]*HomeWord is a trademark of Sierra On-Line, Inc. Bank Street Writer III is a trademark of Broderbund Software. WordStar is a trademark of Micropro International Corp. Multiplan is a U.S. trademark of Microsoft Corp. PlannerCalc is a trademark of Comshare. Lotus and 1-2-3 are trademarks of Lotus Development Corp. Bumble Games, Bumble Plot, Juggles' Butterfly, Gertrude's Secrets, Gertrude's Puzzles and Rocky's Boots are trademarks of The Learning Company. Mastering the SAT is a trademark of CBS Software. King's Quest is a trademark of Sierra On-Line, Inc. Flight Simulator is a trademark of Microsoft Corp.*

Which IBM PCjr is for you?

You can choose the IBM PCjr model that best fits your computing needs. If you need assistance in making your choice, consult your IBM Product Center representative.

IBM PCjr Enhanced Model

Includes:

- *PCjr System Unit with 128KB of user memory, expandable to 512KB*
- *Two cartridge program slots*
- *360KB slimline diskette drive*
- *Built-in connectors to add optional hardware devices*
- *New PCjr Keyboard*

IBM PCjr Entry Model

Includes:

- *PCjr System Unit with 64KB of user memory, expandable to 512KB*
- *Two cartridge program slots*
- *Built-in connectors to add optional hardware devices*
- *New PCjr Keyboard*

RECOMMENDS KEYBOARD CABLE (#10) TO GET AROUND HAVING TO HAVE KEYBOARD LINE-UP WITH SENSOR - MORE FLEXIBILITY IN KEYBOARD LOCATION.

PCjr has IBM's backing

IBM is ready to provide the same quality service for PCjr as you have come to expect for all IBM products.

Many personal computers come with a 90-day warranty. The IBM PCjr comes with a 365-day limited warranty. If the system requires any type of service during its first year of use, just bring it in to any IBM Service/Exchange Center in your area for reliable, professional service. Your IBM Product Center representative can provide you with details.

And, after the warranty expires, IBM stays right beside you. You can obtain reliable service through IBM's nationwide network of Service/Exchange Centers and Regional Repair Centers.

In addition, you can call IBM's toll-free PCjr information service. If you have any questions about your IBM PCjr, just call 1-800-IBM-PCJR.

Visit your IBM Product Center. See for yourself how this powerful yet compact personal computer from IBM can help meet a wide variety of needs for you...in the home, the office, the classroom, or wherever you need to manage information.

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