

In 1981, we introduced
the world's most successful
personal computer.

Here we go again.

The next generation in

The new systems.

There are four models of the new IBM Personal System/2: Models 30, 50, 60 and 80, with a choice of configurations, with new design and components, and built not merely for speed but for well-balanced performance.

processor, is an even bigger step forward. It has new architecture (as do the even more powerful models) that breaks old barriers. One megabyte of memory is now standard, and there's plenty of room for more. Its graphics (again, in common with the larger models) are



IBM Personal System/2 Model 30

Model 30 is about 25% smaller than the IBM PC, does many jobs more than two times faster than the IBM PC XT,[™] and comes with 640KB of memory and a 20-megabyte (MB) fixed disk if you want one. Much of what used to be optional is now standard, and improved. Graphics are spectacular. So is the value. *Model 30* offers exceptional performance for the money.

Model 50, with its 80286 micropro-



IBM Personal System/2 Model 50

another dimension beyond. And it finishes many jobs significantly faster than the IBM Personal Computer AT.[®]

Model 60 takes up less space on your desk because the computer itself doesn't sit on your desk, but rather, beneath or beside it. Equipped with a 44 or 70MB fixed disk, up to 15MB of memory and expanded expandability, it's a system for serving a very busy person, and can be a file server for

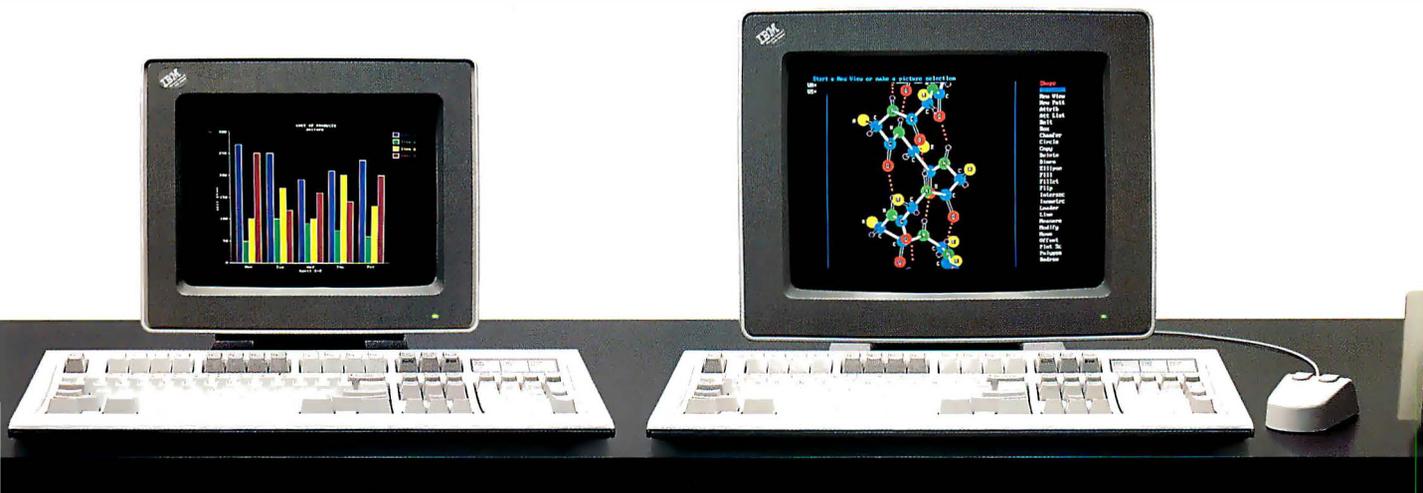
personal computing.

other busy persons.

Model 80. For everyone who's been waiting to experience the real power of the 80386 microprocessor, it's not just *in* this computer, we built this computer around it. Available this summer, Model 80 is a 32-bit system that does jobs up to

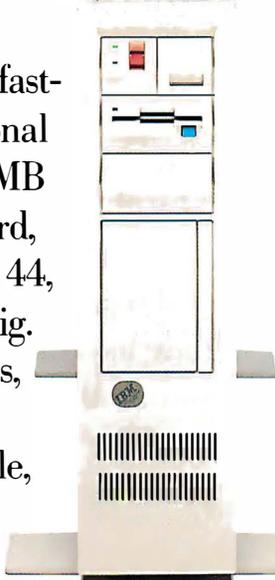
The rest of this booklet tells more about the IBM Personal System/2. And how, all together, it can help make your professional life easier, more productive, and more rewarding.

The new performance.
You'll find new architecture, new



IBM Personal System/2 Model 60

three and a half times faster than the IBM Personal Computer AT. Up to 2MB of memory are standard, and fixed disks can be 44, 70 or 115 megabytes big. Or with two fixed disks, 230 megabytes huge. Computers this capable, and connectible, used to fill whole rooms.

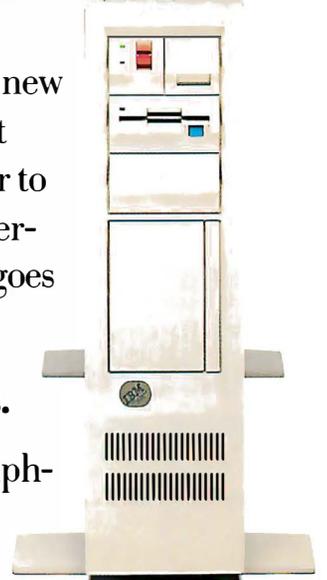


IBM Personal System/2 Model 80

integrated design and new operating systems that together lift raw power to higher levels of true performance, while cost goes the other way.

The new graphics.

You'll see new graphics, all standard, that redefine the words



“colorful” and “sharp.” And new displays that give your programs a heightened sense of reality.

The new connectivity.

There will be new avenues for sharing information; new match-ups of hardware and software that shorten the distances and widen the roads between PCs, minis, mainframes and people.

The new media.

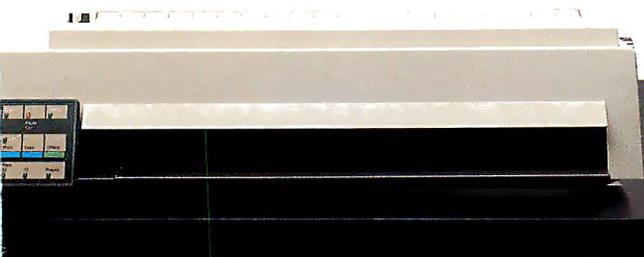
You'll see rugged diskettes that are

The IBM Personal System/2 is designed for connecting with larger computers like the IBM System/36 and the IBM 9370.

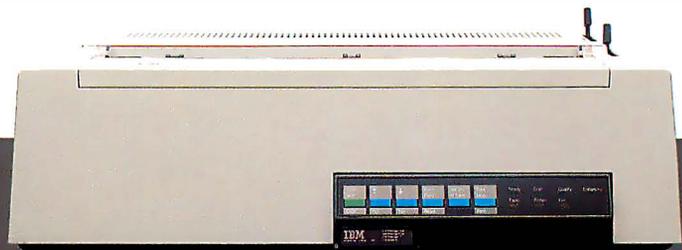


The new printers.

You'll see an expanded family of



IBM Proprinter XL24



IBM Quietwriter III Printer

half as big, but hold up to twice as much as floppies did. Plus low-cost devices for transporting your data from one generation into the next. And a new IBM 200MB optical disk drive.

The new solutions.

You'll discover new ways to solve problems; ideas about choosing not just software or hardware, but software, hardware and support in balance.

personal printers that fills just about any need, from economy, to speed, to the fussiest levels of document quality.

The new support.

And because it's not just what you buy but where you buy it, you'll learn how we've been working closely with the people who sell the Personal System/2 to create new levels of dealer support.

Introducing the IBM Personal System/2





61X8767
International Business Machines Corporation
Made in the United States of America

61X8767
International Business Machines Corporation
Made in the United States of America

Personal System/2
Color Display 8514

IBM
Personal System/2

So, it's power you want

The new performance.

It's tempting to size up computers by the numbers, but in the IBM Personal System/2, real performance exceeds the sum of its parts.

Components were designed not just to coexist, but to cooperate; within each system, and within your total computing environment.

So your software runs faster, and your system is more reliable.

Extras aren't extra.

You could expand earlier IBM PCs after you bought them, but the Personal System/2 is expanded before you even open the carton. Things that used to cost extra don't anymore.

Advanced graphics, parallel and serial ports, a port for pointing devices, and diagnostics are included.

And new IBM technology—our one-million-bit memory chip, high-density logic circuits, and integrated “planar boards”—is sending performance up, and costs down.

Paths to the future.

Models 50, 60 and 80 share a design that's new to personal computing. Technically it's described as parallel bus architecture (we call it IBM Micro Channel™), but think of it as a highway.

Our first PCs were built around a two-lane street. Usually that's enough, but sometimes there are traffic jams. Your sales figures might have to stand on the corner while your mailing list goes by.

The new system is like an expressway. There are more lanes open



The IBM Personal System/2 takes up less space on your desk. The on/off switch is on the front, and monitors tilt and swivel.

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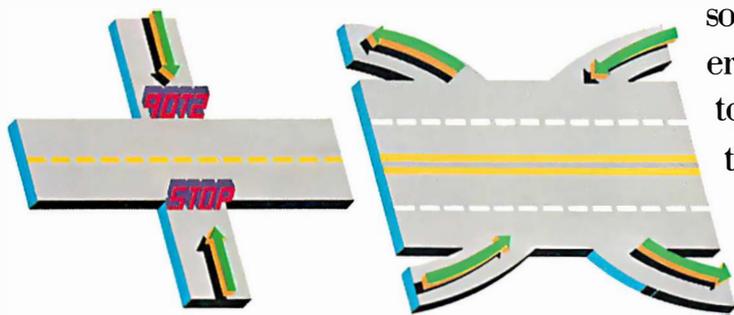
in both directions. The ramps are more smoothly paved, and signals are better synchronized. So data can flow more freely.

This is what the 286 and 386 chips have been waiting for. A highway to match their horsepower.

The new operating systems.

The Personal System/2 is being introduced with a new IBM PC DOS Version 3.3 that lets you tap into the new systems immediately, and works with all previous IBM PCs as well.

There's also an IBM 3270 Workstation Program that, with PC DOS Version 3.3, helps the Personal System/2 connect with



In earlier PCs, data sometimes had to stop and wait. New IBM Micro Channel architecture is more like an expressway. Data flows more freely.

mainframes, supports more memory, and lets you run multiple applications.

But much more is coming.

A new IBM Operating System/2™ will run on Models 50, 60 and 80. Available later on, its development is



The IBM Personal System/2 Model 80 was created to unleash the power of the 80386 microprocessor.

being carefully timed so that everyone involved—software makers, our dealers, you—can take full advantage of its power as easily as possible. It will do everything our existing PC DOS does (in fact, they'll get along beautifully), but it also will bring major advances.

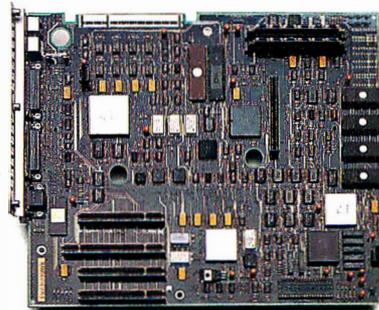
Memory. Our new systems offer up to 16 megabytes' worth, and Operating System/2 will make these vast resources easier to access.

Multi-tasking. With IBM Operating System/2, you won't have to be a "power user" to understand how to run several programs at once. Multi-tasking will become a routine experience.

Software. Together with the new architecture and more memory, Operating System/2 will give software developers new freedom to create programs that are more powerful, better looking, and easier to use than ever before.

A bigger idea. Operating System/2 is also part of another new idea, called IBM Systems Application Architecture.

Its goal is to bring the world of IBM computing closer together; to provide a greater consistency in look, function and feel—for systems, for software and for people who use them. IBM Operating System/2 is the first step for personal computing in this promising new direction.



IBM Personal System/2 "planar boards" have many standard features that used to be options.

It's like having 256,000 in one box.

The new graphics.

Back in the dark ages of personal computing, the world was ruled by numbers and words. Graphics were a nicety, but rarely a necessity.

Welcome to the Renaissance.

The IBM Personal System/2 has a talent for graphics that's dazzling.

Each new system can paint up to 256 colors on the screen at once, drawing from an incredible palette of over 256,000.

And not one of those colors costs a penny extra.

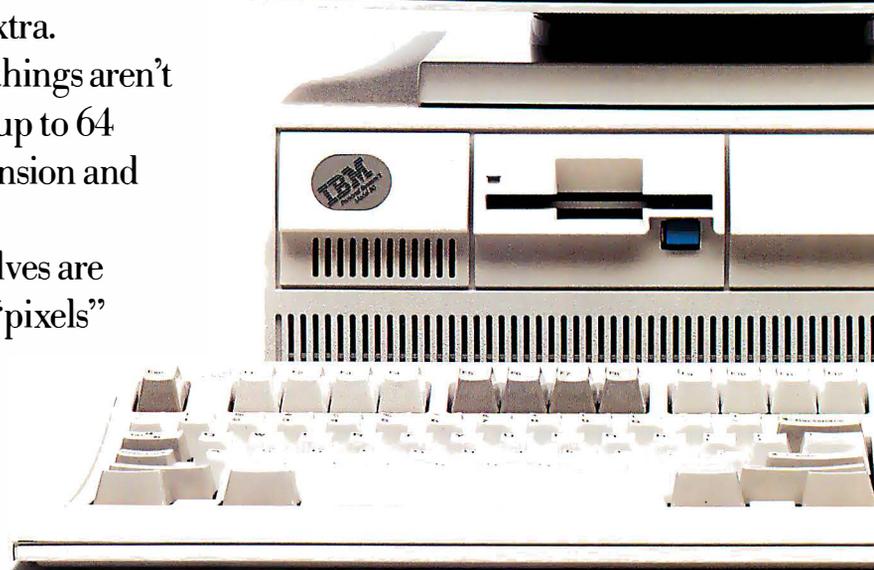
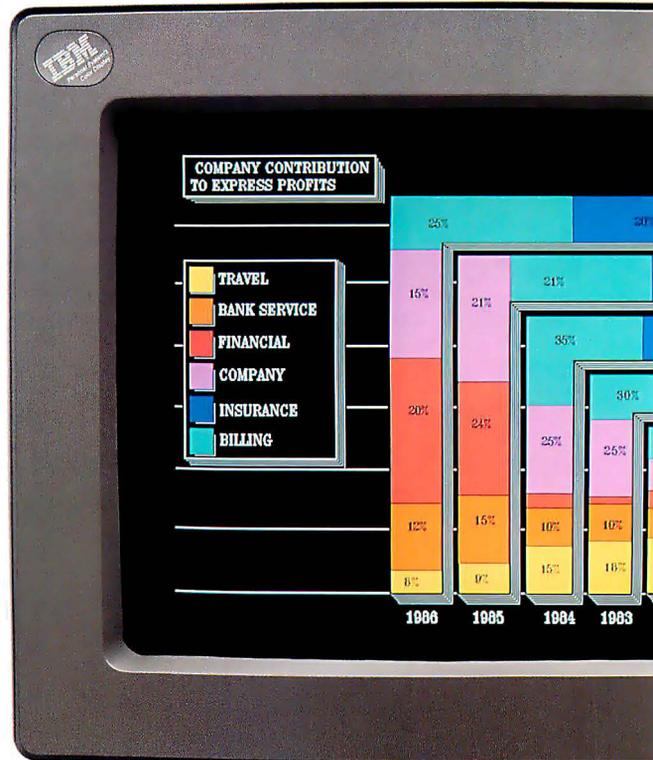
Even in monochrome, things aren't monotonous. There can be up to 64 shades of gray for new dimension and contrast.

And the images themselves are greatly improved. The tiny "pixels"

that create the image can now be tinier, and there can be lots more of them. Even the space between them seems to have disappeared. So pictures are



The IBM Personal System/2 Monochrome Displays 8503.



All screens in this brochure are actual and unretouched.

0 crayons

sharp and clearly defined.

Better letters.

Equally important, letters and numbers are clean-edged and precise,



The IBM Personal System/2 Color Displays 8512.

mountings that tilt and swivel so your neck doesn't have to.

There are four new IBM displays, and each works with every Personal System/2 computer, all showing graphic improvements in price.

The 12" monochrome and 14" color displays are great for most general-purpose work. The 12" color display is even sharper, ideal for detailed business graphics. And for design work, there's

the big 16" color display with even higher resolving power.

Your favorite programs.

Just about any program you can run on the IBM Personal System/2 will look better, and will likely be more pleasant to spend time with. Many other programs are being

reworked just to take advantage of the new graphics.

But the future holds real surprises. The screens of the Personal System/2 are like a brand new kind of canvas. How the artists will use them should be something to see.



The IBM Personal System/2 Color Displays 8513.

looking more like they're printed than projected. After a few hours with your trusty spreadsheet, you'll appreciate that.

You'll also like the non-glare viewing surface, and



The IBM Personal System/2 Model 50 and the IBM Personal System/2 Color Display 8514.

The future belongs to well-connected.

The new connectivity.

The earliest computers were big and costly, so people shared them.

Then people wanted smaller computers just for themselves. Soon PCs were in offices everywhere. And how did people want to use them?

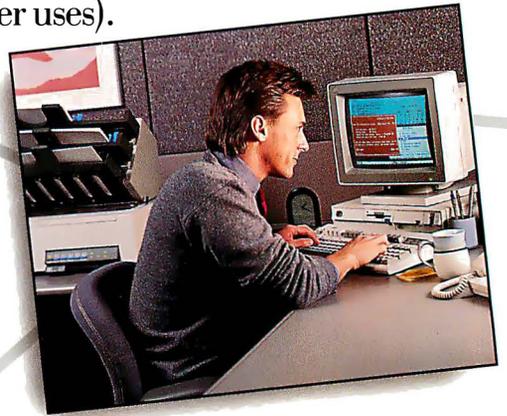


The managing director uses IBM 3270 Emulation and Professional Office System™ software (PROFS) for checking calendars and sending electronic mail.

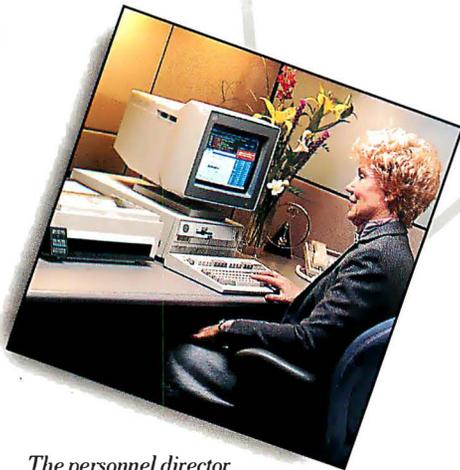
For sharing things. So the idea of PC connectivity was born.

From the start, the IBM Personal System/2 was designed to connect; with other IBM personal systems, with bigger IBM systems.

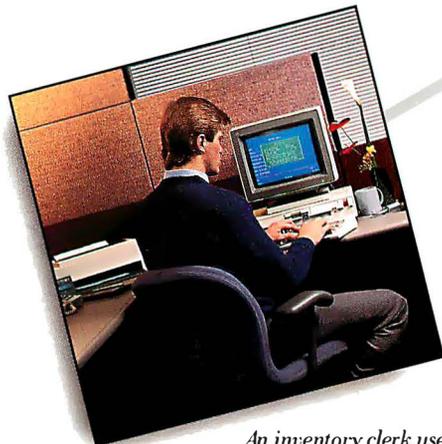
Each new system comes with built-in asynchronous communications (which can save you an option slot for other uses).



An executive assistant uses IBM DisplayWrite 4 to polish up memos and reports for distribution through IBM DISOSS.



The personnel director sends bulletins using the IBM 3270 Workstation Program and PROFS.



An inventory clerk uses an inquiry to a data base to compare what's out in the warehouse with sales orders.

the

So information has no trouble traveling back and forth. But the real news is what happens inside.

Going with the flow.

The new architecture in Models 50, 60 and 80 will improve the flow of traffic within the system, so when an important message comes in from

corporate headquarters, it's less likely to see stop signs. And if the sender has a properly equipped IBM PC, PC XT, Personal Computer AT or IBM Personal System/2 Model 30,

System/2 Model 30,

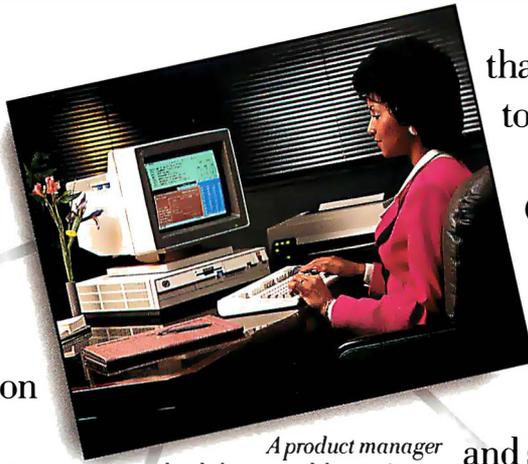
that's okay too—they work together.

And as the new IBM Operating System/2 unfolds, communication will become even easier. Its multi-tasking capability will make it easier for your system to receive and store electronic mail, main-frame data, or whatever, while you're busy doing something else.

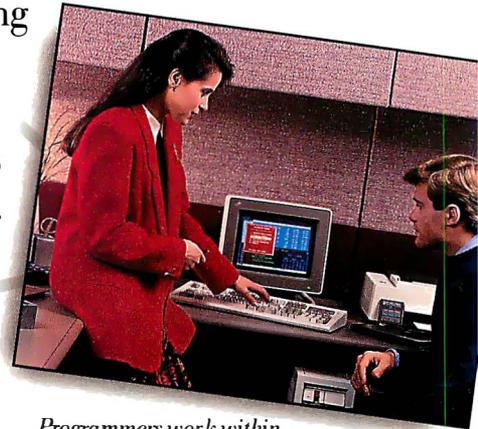
The scope of communication has been increased, too.

A wide array of local area network and connectivity products is part of the IBM Personal System/2 family, so your resources can be as broad as your needs; from the first IBM PC your company ever bought, to mid-range systems, to the biggest IBM 3090 mainframe, the lines are open.

And this is just the beginning.



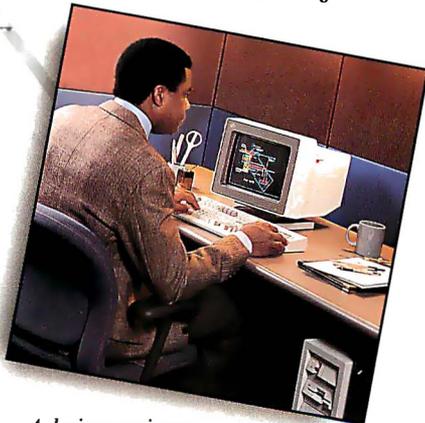
A product manager loads her spreadsheet using the IBM Token-Ring Network to access information.



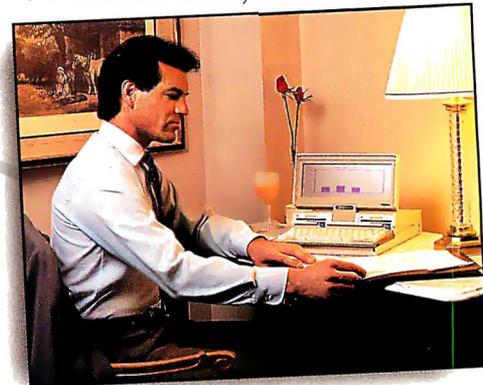
Programmers work within the framework of IBM Systems Application Architecture to develop applications.



The IBM 9370 computer stores information and provides data base management support for the business.



A design engineer uses an IBM Personal System/2 Model 80 to create a product accessing designs from the host computer.



Meanwhile, from a hotel room, a salesman uses the modem in his IBM PC Convertible to send back details of a new order.

IBM just got smaller. three quarter inches.

The new media.

The amazing 5¼" floppy diskette can hold literally hundreds of pages' worth of memos, reports and vital statistics.

So why are we switching to 3½" diskettes?

Because they hold up to twice the information, and they don't flop. A hard plastic case protects them from mishaps that floppies are heir to.



A simple accessory kit transports data from 5¼" to 3½" diskettes.

So not only can you slip a diskette into your shirt pocket, you'll have fewer of them, with more of your work all in one place. You won't have to fool around with write-protect tabs anymore, either. They're built right in.

Bridging the gap.

Very nice, you say, but what about all that work on 5¼" diskettes?

We thought about that from the very beginning, and we're offering a number of low-cost solutions to make the transition as smooth as possible.



It takes two 360KB 5¼" diskettes to hold as much as one 720KB 3½" diskette.

One is a simple cable adapter and software package that lets you send your data from an IBM PC, PC XT or Personal Computer AT to your IBM Personal System/2, then onto the smaller diskettes. Depending on how much data

you have, the whole job could be over in one sitting.

Also available are special IBM 3½" and 5¼" external diskette drives, to be there



By one and

anytime you need them, for conversions in either direction.

Software is here.

And what about software? Well, 3½" diskettes may be new to full-sized IBM personal computers, but they're not new to personal computing.

They're used, for example, by the IBM PC Convertible. So, many popular spread-

sheet, word processing, data base and other programs (from IBM and other companies) are already available on 3½" diskettes. And software makers are working to get new releases out quickly.

Optical allusion.

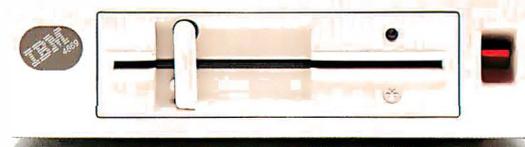
If a 3½" diskette can store large amounts of information, here's a way to store gargantuan amounts.

We're introducing a 200-million-byte optical disk drive.

It works with all Personal System/2 computers and, with advanced laser technology, will let you build a massive library of infor-



The IBM 3363 Optical Disk Drive with "write-once, read-many" disks (left) and the IBM 3.5 Inch External Diskette Drive (right).



The IBM 5.25 Inch External Diskette Drive.

mation for business, science and education on removable disks you can hold in your hand.

The solution is part of the system.

The new solutions.

We sell computer systems, but that's not what you're really after.

You want the things a system can do for you.

So while we were busy developing new machinery, we were also active on the software front.

One of the first things we looked at was how you choose software.

Over the last five years, thousands of programs have been written—by us and by others—for IBM PCs. That's a

independent software companies.

Getting with the program.

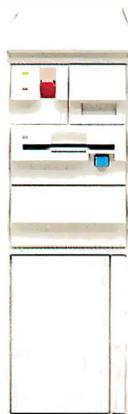
We're telling them about our move to 3½" diskettes so they can convert popular programs to that size. We're showing them our new graphics so they can revise software to take advantage of them. And we're keeping them up-to-date about the new IBM Operating System/2

so they can create brand new programs with even higher levels of function.



IBM CADwrite Design and Drafting System SolutionPac for designers and engineers.

good thing, and we want to keep it going, so we've continued to work with



So, popular programs like Lotus 1-2-3™, WordPerfect® and dBase III PLUS™ will be available for the Personal System/2.

f the Needless to say, we've also updated our popular IBM software. IBM DisplayWrite™ 4, the IBM Assistant Series™, IBM Business Adviser* and IBM educational programs are ready to go for the Personal System/2.

The IBM SolutionPac™

Then we looked at software from another point of view.

With so many decisions to make, so many combinations of hardware and



IBM Business Adviser Financial Accounting SolutionPac.

software, choosing the right one can be confusing. Maybe you'd prefer "one-stop shopping."

So we created an idea called IBM SolutionPacs.

You'll be able to buy them from selected IBM Authorized Advanced Products Dealers.

What you'll get is a software package

designed for your kind of business, with a hardware ensemble that's been matched to it, and tested. Plus a program of service, training and support.

A wide range of IBM SolutionPacs is in the works.

Among the first ones available are the Business Adviser Financial Accounting

SolutionPac, a CADwrite Design and Drafting System for designers and engineers, a desktop publishing SolutionPac and a Doctor's Office Management package, as well as SolutionPacs for contractors and lawyers.



Popular programs will be available for the IBM Personal System/2.



They will make buying easier, and should shorten the time between "I've got my computer system" and "I've mastered my computer system."

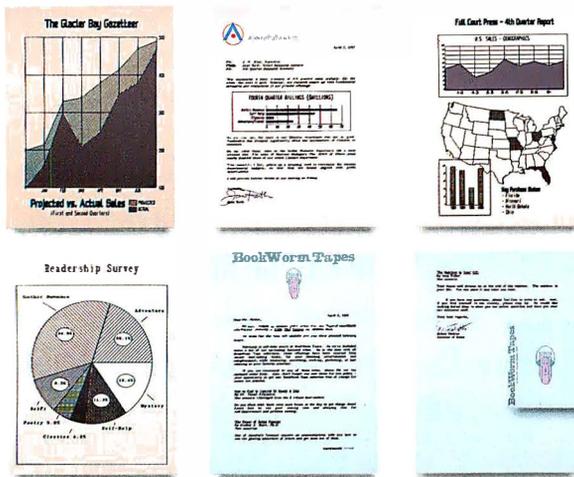
Of course, a big role is played by the new Advanced Products Dealers. Their new "whole-solution" training will make it easier for the two of you to assemble the best system for you.

*ADVISED is a registered trademark of Computer Designed Systems, Inc., Minneapolis, Minn.

New power to the prin

The new printers.

Most of what shows up on your computer screen is seen by just one person. You.



But what comes out of your printer goes out to the world. So it has to look professional, and getting it done has to be easy; virtues that have made IBM personal printers best-sellers.

The IBM Proprinter™ and the IBM Quietwriter® Printer have earned high marks from both customers and critics.

Now our printers are even better, and we've added

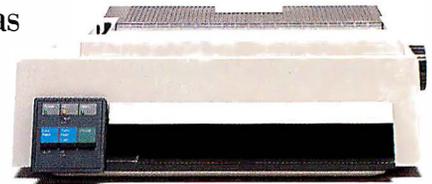


The IBM Proprinter X24 with optional sheet feeder.

new members to the existing family.

The IBM Proprinter II.

What made the original Proprinter so popular was speed, versatility and convenience.



So what *The IBM Proprinter II.*

do you get more of in the Proprinter II? Speed, versatility and convenience.

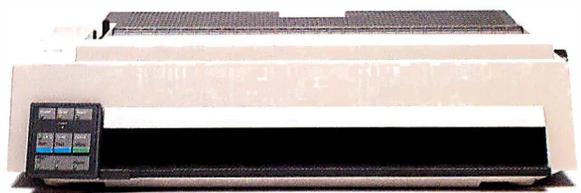
There's now Fastfont™, an extra-fast draft mode. Switching to "near letter quality" is faster too, because now there's a button for changing modes.

There's also a choice of typestyles, and of course you can still load envelopes from the front and put in single sheets any time you want.

The IBM Proprinter II is for anyone who wants to print text and graphics, with a printer that's fast and economical.

The IBM Proprinter X24 and Proprinter XL24.

The IBM Proprinter X24 and Proprinter XL24 are new. The "24"



The IBM Proprinter XL24 has a wide carriage, ideal for spreadsheets.

ted page.

stands for 24-wire technology. What *that* stands for is new levels of Proprinter quality for everything you put on paper.

Both models print letter quality text with greater detail and graphics with better density and definition. The improvement is easy to see.

So is the performance. When compared to current, best-selling, comparably priced 24-wire printers, the Proprinter X24 and Proprinter XL24 print 1½ to 2 times the draft output in the same amount of time.*

The Proprinter XL24 has a wide carriage for spreadsheet printing, and both have an optional sheet feed for added paper-handling convenience, plus FontSet,[™] an option that lets you choose from 11 other typestyles.

The IBM Quietwriter III Printer.

Earlier IBM Quietwriter printers have always been

easy on the ears, but the new IBM Quietwriter III Printer is even quieter and goes nearly twice as fast, printing executive letter quality text and graphics in an executive hurry.

There's new flexibility in style, as well. The Quietwriter III Printer comes with four different type fonts built in and you can combine typestyles within the same document.

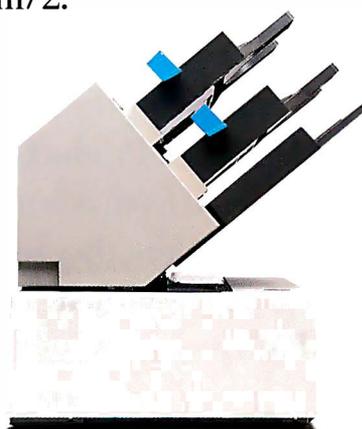
If that's not enough, there are optional font cartridges that give you the freedom to use up to eight typestyles on one page.

There's also a new dual-drawer sheet feed (with optional envelope feed) that lets you use letterhead stationery for the first page of a letter, then plain paper for the rest.

No matter what level of price or performance you need, there's an IBM personal printer to fit the bill. And they fit very nicely with the IBM Personal System/2.



The IBM Quietwriter III Printer with single-drawer sheet feed.



There's also an innovative multiple-drawer sheet feed.

It's not just what you buy but where you buy it.

The new support.

As we designed the IBM Personal System/2, we weren't just thinking about products. We also paid serious attention to how, and where, you buy them.

The IBM Personal System/2 offers so many possibilities, so many new ways to do things better, astute guidance must be there if you need it.

So we're raising the bar for customer support. Naturally, our IBM Marketing Representatives are fully knowledgeable about the Personal System/2. But also, we're bringing even greater levels of support from our dealers to you.

IBM Authorized Advanced Products Dealers.

Announcing the new IBM Authorized Advanced Products Dealers.

Selected from our already outstanding dealers, they're being specially trained and qualified. They will have the IBM Personal System/2 computers, IBM network and connectivity products, peripherals, new IBM Operating System/2 when it's available, and all the support you should need.

Perhaps even more important, they'll have a new focus; on systems instead of single pieces of hardware, on solutions instead of circuitry.

They'll be thinking not only about the system you buy, but also about how you'll be using it.

They'll offer help with learning about systems and software, connectivity, and Operating System/2.

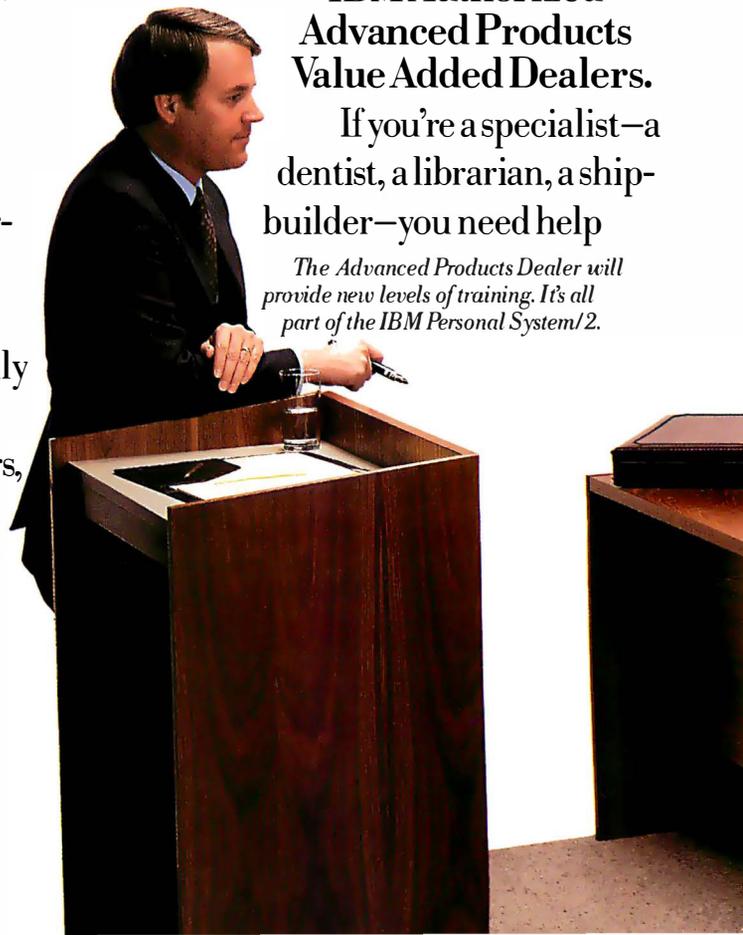
And they're committed to new standards of training for their sales, technical support, and service people.

No matter how big your business, whether you need one computer or a whole network's worth, the Advanced Products Dealer has what you need.

IBM Authorized Advanced Products Value Added Dealers.

If you're a specialist—a dentist, a librarian, a ship-builder—you need help

The Advanced Products Dealer will provide new levels of training. It's all part of the IBM Personal System/2.



uy,

from a special kind of dealer.

Introducing the new IBM Authorized Advanced Products Value Added Dealers.

They're specialists, too. They build enhanced systems for specific industries and now, with the entire Personal System/2 family, their building blocks are better than ever. There's an Advanced Value Added Dealer who understands your business almost as well as you do.

IBM Authorized Dealers and Value Added Dealers.

Our IBM Authorized Dealers and Value Added Dealers will have the IBM Personal System/2 Model 30 and peripherals to go with it, plus special know-how for helping people get started in computing.

IBM Marketing Representatives.

These people have special skills for

helping large companies and educational institutions make the most of their investment in the IBM Personal System/2.

And now, through the IBM Customer Fulfillment Option, our customers may also work with our dealers and value added dealers to get the best of both worlds; additional support for the Personal System/2 plus the benefits of dealing with IBM directly.

Congratulations are in order.

It's not easy to qualify (and stay qualified) as an Advanced Products Dealer. Our expectations are high, as high as yours are.

So when you visit one of our Advanced Products Dealers, give them a nice pat on the back. They've just signed up for a tough course.

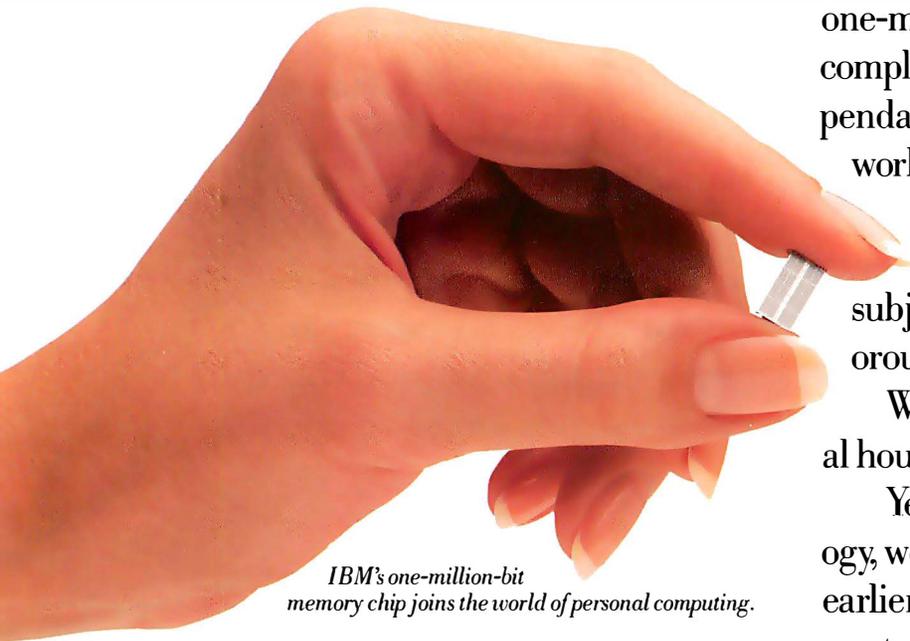


A system that's bigger sum of its parts.

A new direction.

The IBM Personal System/2 arrives in the wake of some fairly eager public speculation. So we expect there'll be a focus on "the new IBM PCs?"

But our focus is different.



*IBM's one-million-bit
memory chip joins the world of personal computing.*

While the machines are certainly key to the system, they are not The System.

It's bigger.

And it begins, not with chips or circuit boards, but with you. After all, if our products don't answer your needs, you don't need them.

So everything about the Personal System/2—how we build it, how you learn and use it, where you go to buy it, and how well it works with your other systems—is balanced to give you the highest overall performance.

A new quality.

We're making the Personal System/2 even more reliable than our earlier PCs.

With new Very Large Scale Integration technology, many pieces in a system are now replaced by one piece. Our one-million-bit memory chip reduces complexity, too. So costs go down, dependability goes up, and you get more work done in less time.

We're also using more IBM-made components, and we're subjecting our systems to more rigorous testing.

We even operate each one for several hours before it goes out the door.

Yet in creating all this new technology, we didn't forget that three million earlier IBM PCs are out in the world. So our two generations are close relatives, and your investment in equipment and training is protected.

Nor did we forget that many of you have larger IBM systems. The Personal System/2 will help you build better connections with IBM mid-range and main-frame computers.

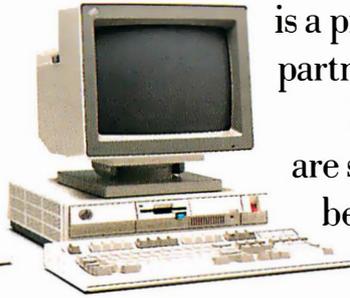
New help.

We've also made the Personal System/2 easier to learn. New IBM manuals, tutorial

than the

diskettes, and start-up procedures will help you get your system going quickly.

So will the people you bought it from. Our new Advanced Products Dealers and IBM Marketing Representatives won't just sell you the right system, they'll be there to help you get the most out of it. And as your needs grow, they'll be able to help you expand your system to meet new challenges.



Earlier IBM PCs and the new IBM Personal System/2 work together so your investment is protected.

A continuing tradition.

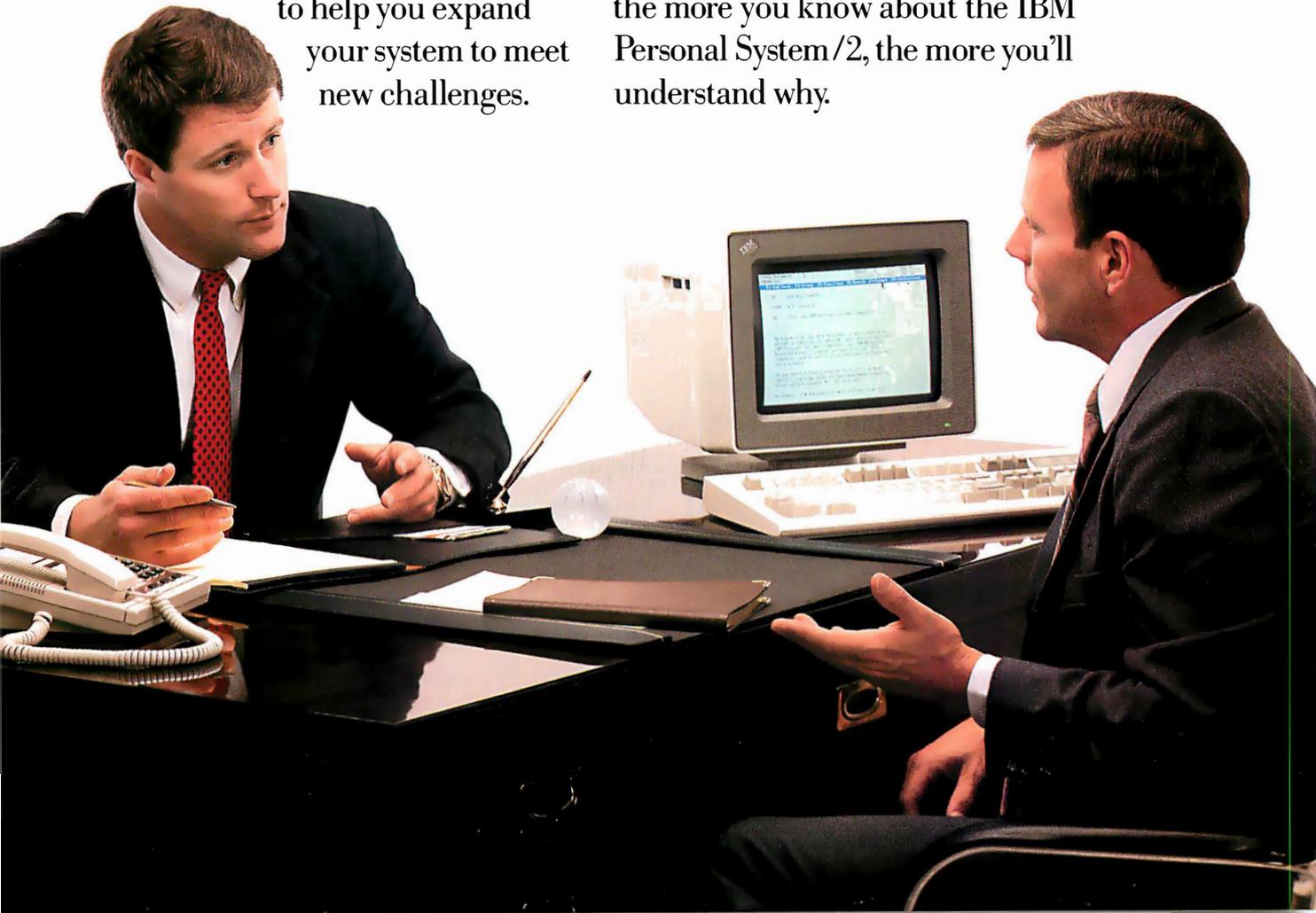
It's said in the world of computing that the only constant is change, but that's not entirely true.

In IBM's world of computing one thing holds firm, and it's the notion of partnership between our people and our customers. The Personal System/2 is a product of that partnership.

IBM people are some of the best listeners in the business, and when they hear what you

want, they do something about it.

We're very proud of them all, and the more you know about the IBM Personal System/2, the more you'll understand why.



And now for the fine print.

All models include integrated display support, 256-color graphics capability, clock/calendar, and ports for serial, parallel and pointing devices. All systems use a common IBM enhanced keyboard and accept any IBM Personal System/2 monochrome or color display. All models accept the 200MB IBM 3363 Optical Disk Drive option.				
	Model 30	Model 50	Model 60	Model 80
Microprocessor	8086	80286	80286	80386
Potential system throughput¹	Up to 2½ times PC XT	Up to 2 times Personal Computer AT	Up to 2 times Personal Computer AT	Up to 3½ times Personal Computer AT
Standard Memory	640KB	1MB	1MB	Up to 2MB
Expandable to		7MB	15MB	16MB
Diskette size and capacity	3.5 inch 720KB	3.5 inch 1.44MB	3.5 inch 1.44MB	3.5 inch 1.44MB
Fixed disk²	20MB	20MB	44, 70MB	44, 70, 115MB
Additional Options			44, 70, 115MB	44, 70, 115MB
Maximum configuration³	20MB	20MB	185MB	230MB
Expansion slots⁴	3	3	7	7
Operating system(s)	PC DOS 3.3	PC DOS 3.3 and Operating System/2	PC DOS 3.3 and Operating System/2	PC DOS 3.3 and Operating System/2

1. Based on the testing described in the IBM Personal System/2 Performance Guide. Your results may vary. 2. Model 30 also comes in a diskette-based configuration. 3. Models with 44MB fixed disk expandable to 88MB. 4. Model 30 accepts most IBM PC and IBM PC XT option cards. Models 50, 60 and 80 accept new IBM Micro Channel option cards.

Now that you've read all about the new IBM Personal System/2 and examined its specifications, what should you do?

Go to your telephone. Call 1-800-447-4700 (ext. 9) and you'll learn who's the IBM dealer nearest you.

(In Alaska call 1-800-447-0890, in Canada 1-800-465-6600.)

And here are two things to ask when

you finally get face to face.

Ask about an IBM Credit Card. It just makes buying that much easier for a person or a business.

Or, if you prefer leasing, ask an IBM authorized dealer or IBM Marketing Representative about the IBM leasing programs.

With those formalities out of the way, you'll want to join the next generation in personal computing.

The IBM Personal System/2. 

