# Announcing the next generation in personal computing.
# The IBM Personal System/2.

The idea behind our first PC was wonderfully simple. One person, one personal computer.

But as IBM® PCs grew up, and as we kept improving them, your requirements grew even faster. Clearly you needed more, and now it's here.

The new IBM Personal System/2.™

Its heart is the new line of hardware and software, but its soul is bigger; new technology, of course, but also a new "balanced system" approach for making things work together.

The Personal System/2 works with earlier IBM PCs so you can build on investments you've already made, and it works with larger IBM systems, opening new possibilities for your future. It works for business and education, for professional people of every stripe.
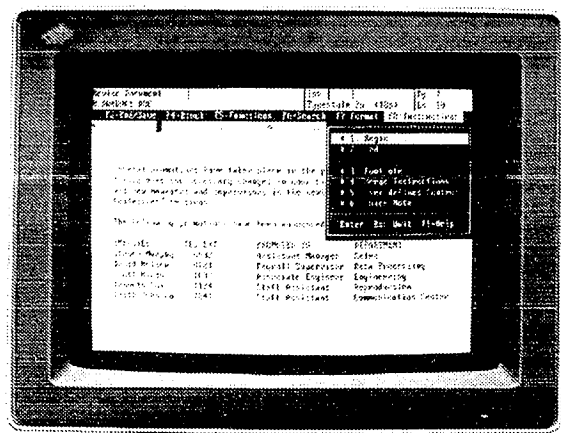
**The new systems.**

There are four models of the IBM Personal System/2:

fixed disk if you want one. Graphics are spectacular. So is the value.

*Model 50,* with its 80286 microprocessor, is an even bigger step forward. It has new architecture (as do the 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 larger models) are another dimension beyond. And it finishes many jobs up to two times 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 can serve a very busy person and be a file server for other busy persons.

*Model 80.* For everyone who's waiting to experience the real power of the 80386 microprocessor, it's not just *in* this computer, we built this computer around it.

Models 30, 50, 60 and 80. Each offers a choice of configurations, and they're built not just for speed but for superior overall performance.

*Model 30* is about 25% smaller than the IBM PC, does many jobs more than twice as fast as the IBM PC XT,™ and comes with 640KB of memory and a 20-megabyte (MB)

Available this summer, Model 80 is a 32-bit system that does jobs up to three and a half times faster than the AT.™ Up to 2MB of memory are standard, and fixed disks can be 44, 70, or 115 megabytes big. Or, with two fixed disks, up to 230 megabytes huge. Computers this capable, and connectible, used to fill whole rooms.

## The new performance.

You could expand earlier IBM PCs after you bought them, but the Personal System/2 is expanded before you even open the carton. Advanced graphics, parallel and serial ports, a port for pointing devices, and more are now standard. So performance goes up and cost doesn't.

Reliability has been improved as well. IBM's advanced memory technology and new circuit integration make for fewer components within the systems.



*Every IBM Personal System/2 "planar board" has standard features that used to cost extra.*

And Models 50, 60 and 80 share something that's totally new. 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 there can be traffic jams. Your sales figures might have to wait on the corner while your mailing list goes by.

The new system is like an expressway. There are more lanes open in both directions. The ramps are more smoothly paved, and signals are better synchronized. So your data flows more freely.
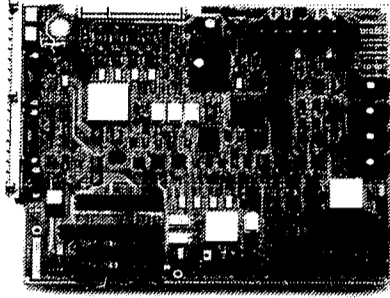
This is what the 286 and 386 chips have been waiting for. A highway to match their horsepower.
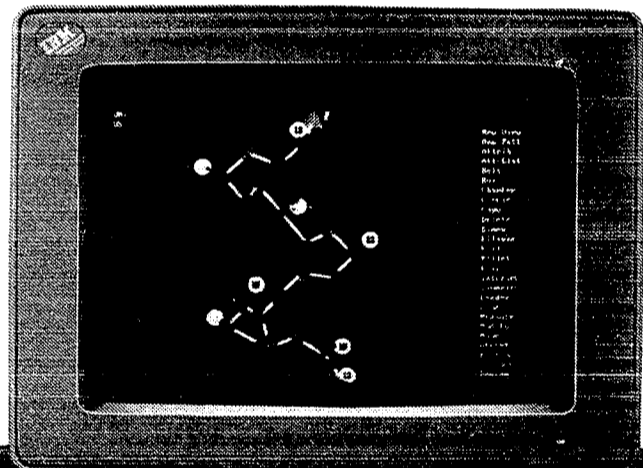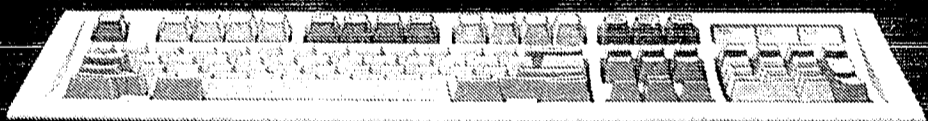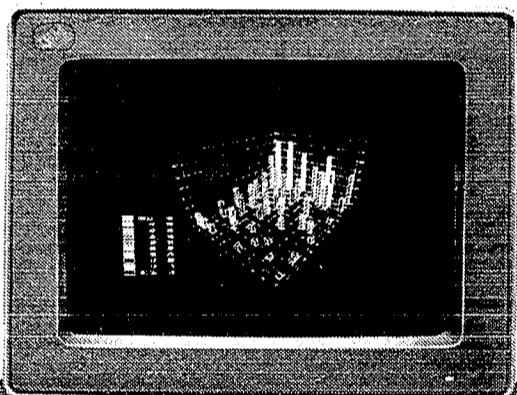
Personal System/2 is being introduced with a new IBM PC DOS Version 3.3 that lets you tap into the new systems immediately and works with all previous IBM PCs.
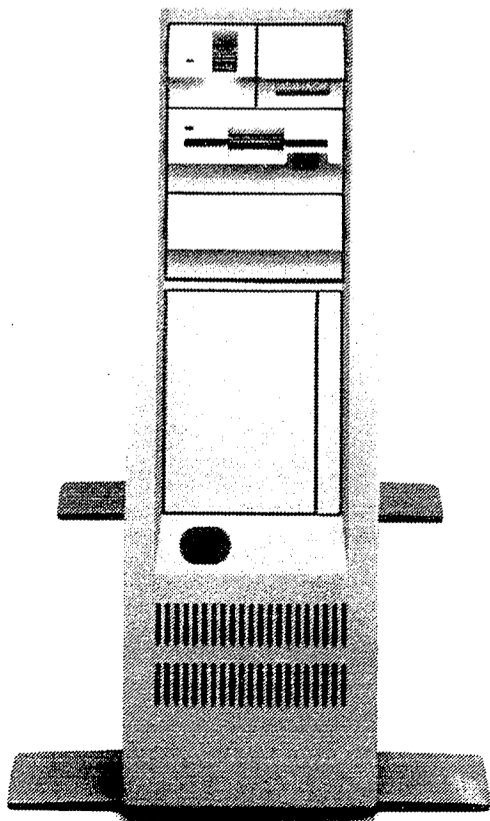
But much more is coming.

A new IBM Operating System/2™ is in the works. Available later on, for Models 50, 60 and 80, it will bring major advances. Together with IBM Micro Channel, it will make multi-tasking easier, vast memory more accessible, and will allow software to be easier to use and more powerful than ever before.
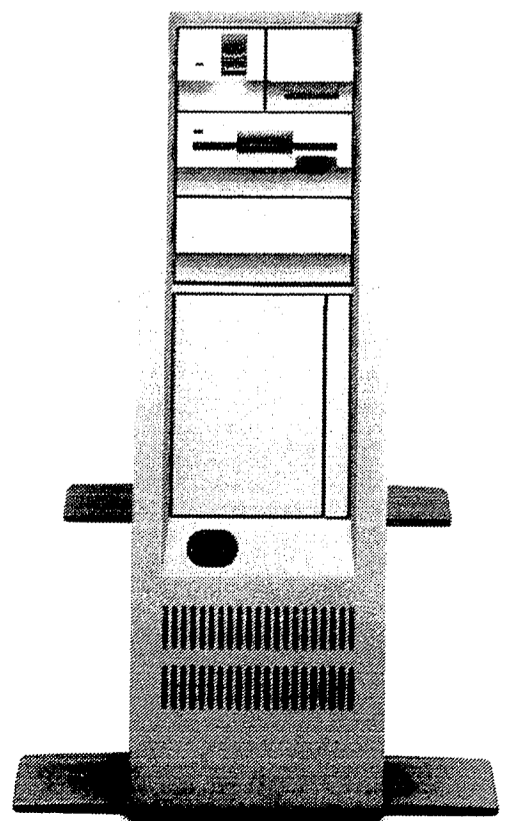


*IBM Personal System/2 Model 60*

*IBM Personal System/2 Model 80*

# A system that's bigger than the sum of its parts.

### The new graphics.

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 a 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.

And the images themselves—both pictures and text— are sharper and more clearly defined so your programs will be more pleasant to spend time with.

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

### The new connectivity.

From the start, the IBM Personal System/2 was designed for connecting. Asynchronous communications are built in.

But also, within Models 50, 60 and 80 the new architecture will improve the flow of traffic so incoming messages will be less likely to see stop signs.

And as the new IBM Operating System/2 unfolds, communication will become even smoother. Its multitasking capability will make it easier for your system to receive and store electronic mail or mainframe data while you're busy doing something else.
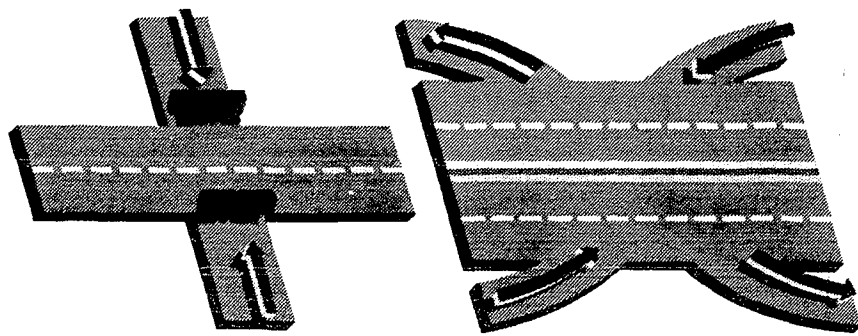
From the Personal System/2 to earlier IBM PCs, to mid-range systems, to our biggest mainframes, the lines are open. And this is just the beginning.

### The new media.

We're switching from 5¼" floppy diskettes to 3½" diskettes. Why? Because they hold up to twice as much information, and they don't flop. A hard plastic case protects them from mishaps that floppies fall prey to.

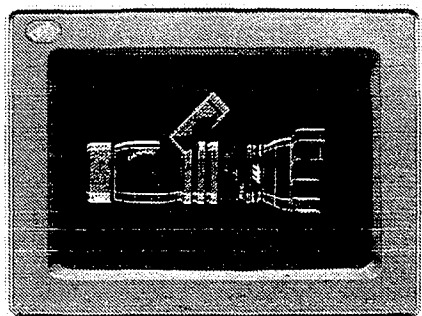And to make the change-over as easy as possible, we're



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

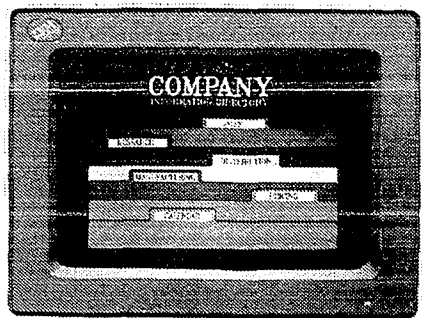offering low-cost solutions for converting your 5¼"-based data to the new size.

We're also announcing a new 200-million-byte optical disk drive that will let you build a massive library of useful information on removable disks you can hold in your hand.
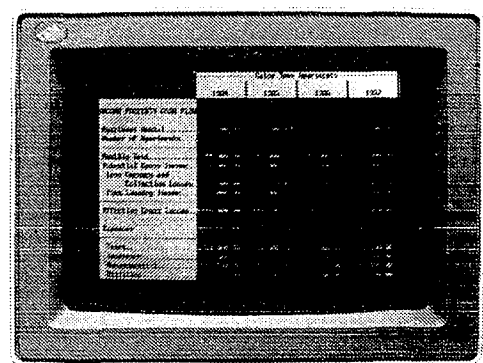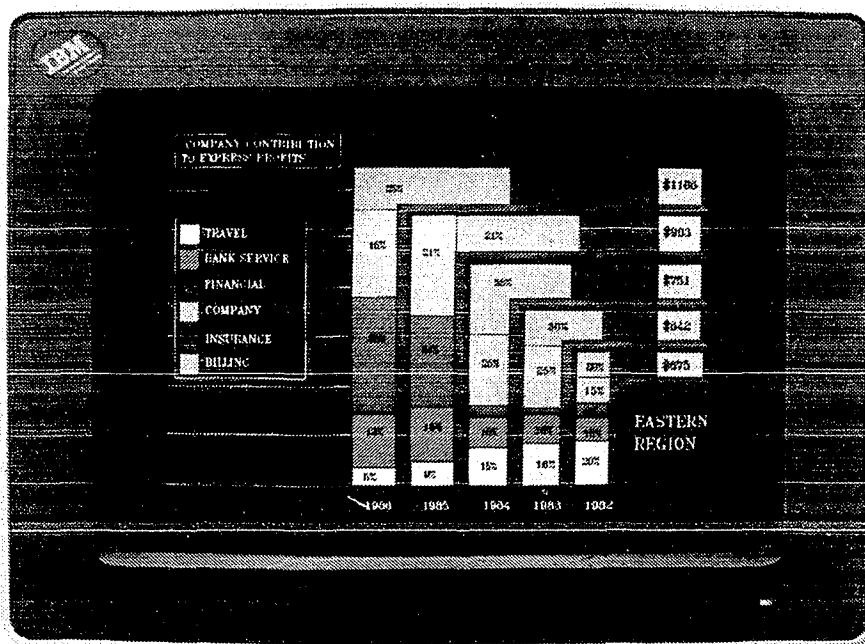
### The new solutions.

Busy as we've been with new machinery, we've also been active on the software front.
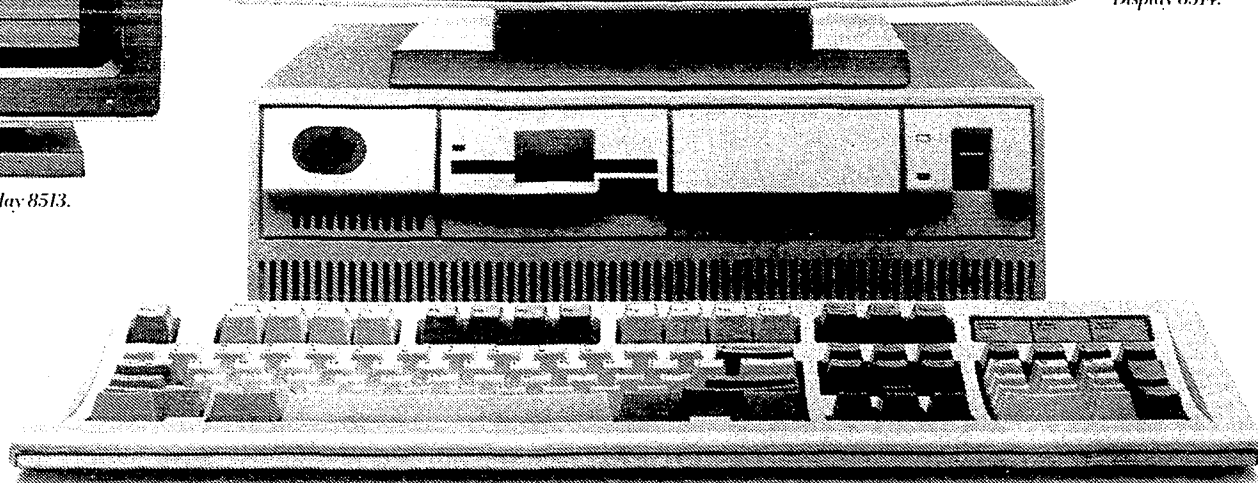


*The IBM Monochrome Display 8503.*

*The IBM Color Display 8513.*

*The IBM Color Display 8512.*

*The IBM Personal System/2 Model 50 with IBM Color Display 8514.*

We've remained faithful to IBM PC compatibility so you'll have the broadest possible choice in programs. And we're working with independent software makers to help them create new programs that will take full advantage of the Personal System/2's extraordinary potential.

We've also updated our popular IBM software, and created something new, an idea called IBM SolutionPacs.™

They're software packages designed for specific kinds of business, with hardware ensembles that have been matched to them, and tested, plus a program of service, training and support.

SolutionPacs for accountants, lawyers, engineers, designers, contractors and doctors will make buying and learning a lot easier. There will also be a complete IBM SolutionPac for desktop publishing.

*Many popular programs are already here for the IBM Personal System/2.*
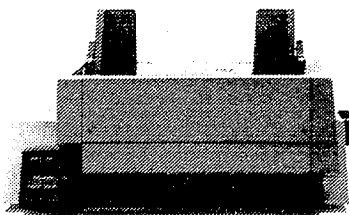
## The new printers.

IBM personal printers have long been best-sellers, but now they're even better, and we've added new members to the existing family.

The new IBM Proprinter™ II comes with an extra-fast draft mode and a choice of typestyles, plus the flexibility and economy that Proprinters are famous for.
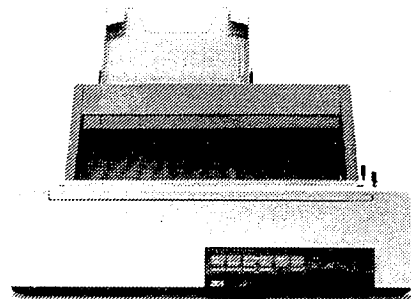
The Proprinter X24 and Proprinter XL24 are new 24-wire printers that print text with greater detail, and graphics with improved density and definition.

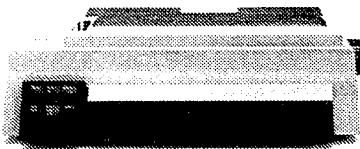The new IBM Quietwriter™ III Printer is faster and even quieter than before. Plus, it lets you combine various letter quality typestyles on one page, and offers new paper and envelope-handling convenience.
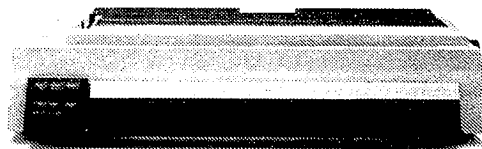
*The IBM Proprinter X24 with optional sheet feed.*

*The IBM Quietwriter III Printer with single-sheet feed attachment.*
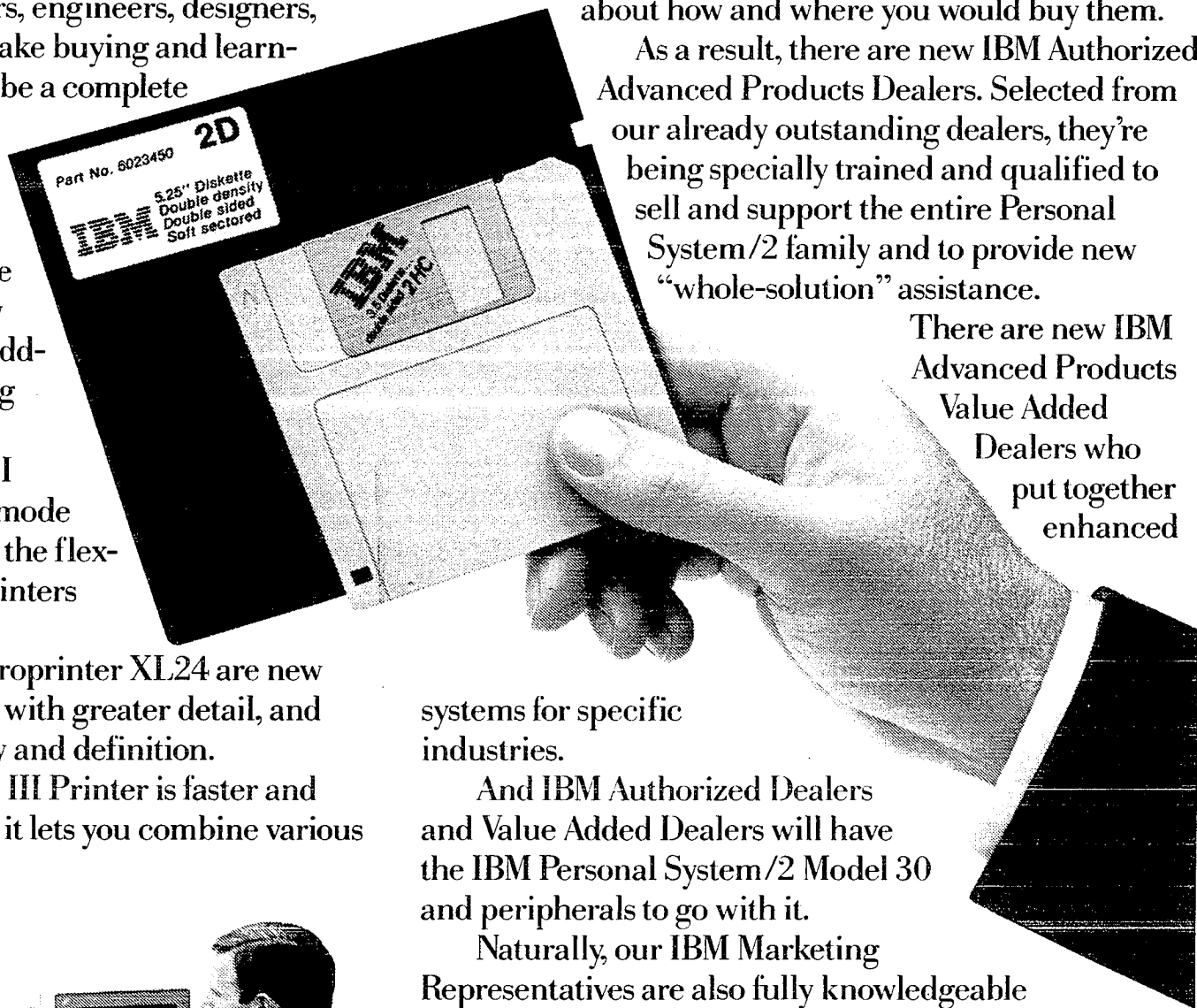
*The IBM Proprinter II.*

*The IBM Proprinter XL24 has a wide carriage.*

## The new support.

As we designed our new systems, we also thought about how and where you would buy them.

As a result, there are new IBM Authorized Advanced Products Dealers. Selected from our already outstanding dealers, they're being specially trained and qualified to sell and support the entire Personal System/2 family and to provide new "whole-solution" assistance.

There are new IBM Advanced Products Value Added Dealers who put together enhanced systems for specific industries.

And IBM Authorized Dealers and Value Added Dealers will have the IBM Personal System/2 Model 30 and peripherals to go with it.

Naturally, our IBM Marketing Representatives are also fully knowledgeable and will be offering the Personal System/2.

There's much more to learn about the IBM Personal System/2, and the best way to do it is by visiting with the people we just mentioned. For the IBM authorized dealer nearest you, call 1-800-447-4700, ext. 9. (In Alaska call 1-800-447-0890, in Canada 1-800-465-6600.)

**IBM**