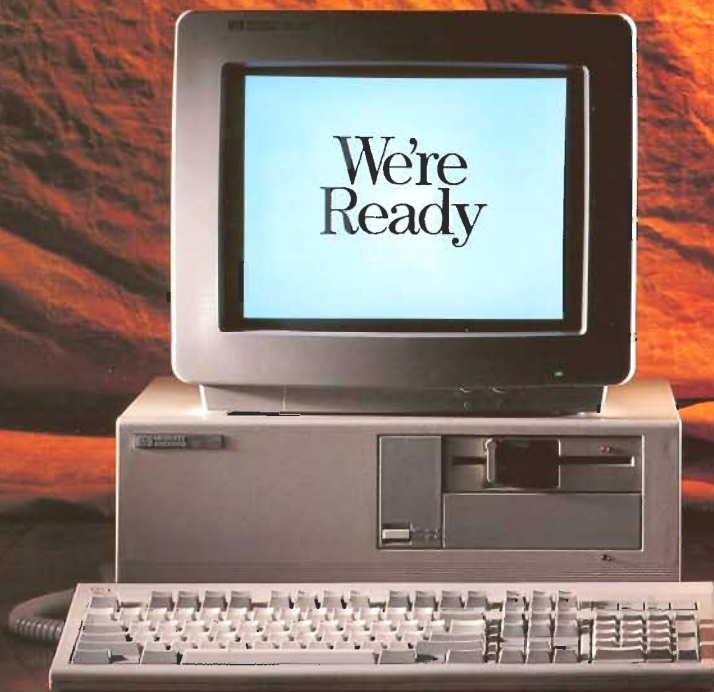


Pushing reliability  
to new extremes

The HP Vectra PC family



**HP Computer Museum**  
**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**

No PC leaves this







# room until it fails

When it comes to PCs, a lot of people take reliability for granted. But at Hewlett-Packard, we take it to extremes.

Because we've always thought there has to be a better way. After all, when you buy a PC, you want the highest performance you can get for the money. And if it's not totally reliable, you'll never know if you can count on the performance to be there when you need it.

Our torture testing is a perfect example of our approach. Over the years, we've learned that there is no such thing as a random failure. So in our design process, we bring our PCs into a lab, then deliberately stress them until they fail. We subject them to extreme variations in temperature, humidity, and electrical current. These radical variations would be impossible in the Himalayas, let alone in your office. But by identifying the cause of each failure, we can systematically eliminate them from our PCs.

And this is only one small part of HP's Total Quality Control program, which is used in every phase of our operation, from design through final shipment.

Since simpler systems last longer, we design our products with as few parts as possible. The final assembly of our 80286-based PCs, for example, has only seven major parts. And in our manufacturing process, we use advanced surface-mount technology, which results in more efficient design and less chance for assembly errors.

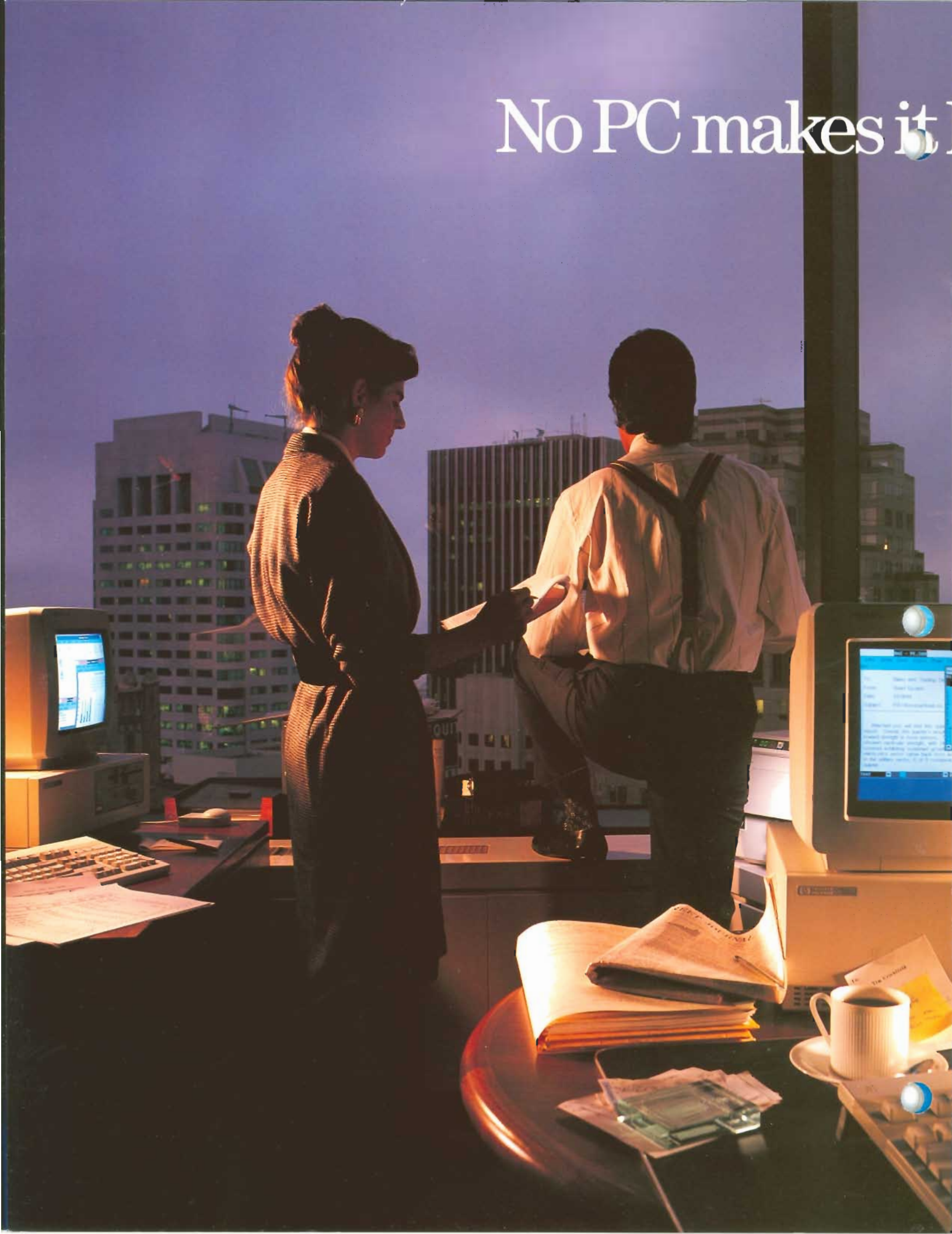
At every stage of each PC's assembly, the goal is zero defects. Not just for the PCs we manufacture, but for each component we buy from outside vendors. By setting this seemingly impossible goal, we've been able to improve our product reliability far beyond accepted industry standards, and continue to improve it year after year.

Finally, every PC we design has to pass our corporate environmental tests. There it is subject to a total of 22 separate tests including temperature, humidity, radio interference, powerline variations, mechanical shock, and safety.

Then—and only then—will we release our PCs into the real world. Where they've been building a reputation for years. By passing test after test in the one place that counts the most.

On your desk.

No PC makes it





# There unless it succeeds

Since HP was founded in 1939, we've become a \$12 billion company with 410 sales and service offices around the world. By doing everything we can to give our customers the most precise, most reliable equipment possible. You'll find this kind of quality in everything from mass spectrometers, which are found in almost every research facility in the world, to HP LaserJet printers, which are found in almost every office.

And with the HP Vectra PC family, we're bringing that same reputation for quality to the top of your desk. With a series of PCs that offer excellent price/performance. At every price point, from mainstream systems to the most advanced. And when you take a close look at each of our PCs, you'll find a number of features that let them perform better than other PCs in their class.

For example, on our 386<sup>™</sup> and i486<sup>™</sup>-based PCs, we offer hard-disk mechanisms with lightning-fast access times as low as 15½ milliseconds. And on all of our systems, you'll find a range of ergonomic features that make them feel better than other systems.

But the most important benefit you'll find is that our PCs are fully compatible with industry standards. Like our reliability, this is no accident, but the result of a total commitment. Our PCs are fully compatible with OS/2<sup>®</sup>, MS-DOS<sup>®</sup>, and UNIX<sup>®</sup>/Xenix operating systems. We fully support ISA (Industry Standard Architecture) and we are active participants in establishing EISA (Extended Industry Standard Architecture) as a successful technology.

Because of our long-term commitment to total compatibility, you can be sure that our PCs will run the tens of thousands of software programs that have been written to date. And the software that will be written tomorrow.

Has anyone noticed all the extra reliability we've built in? Evidently they have. These are just a few things that industry experts have said about our PCs lately:

*"Each machine demonstrates HP's workmanship and dependability, while offering cutting-edge performance."*

—PC Magazine

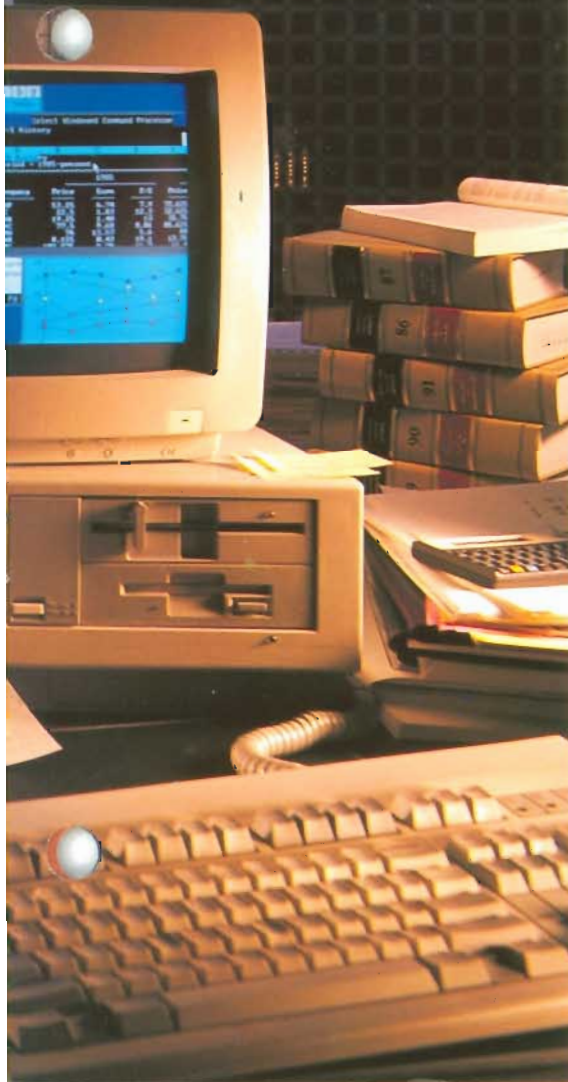
*"Some of the best workmanship we've seen among 386 systems."*

—Infoworld

*"From the sturdy chassis to the rock-solid keyboard, these machines are designed to take you into the next century."*

—PC Magazine

After statements like that, we have little to add. Except to suggest that you turn to the next page.





The harder







# er you work, the better we look

The HP Vectra PC family offers leading performance at every price point. Which means you can enjoy HP power and reliability no matter what you do, from spreadsheet analysis to advanced computer-aided design.

For example, our 80286-based PCs are fully compatible with the IBM PC/AT. So they're perfectly suited for general office applica-

formance to an entirely new level. With up to 64 Mbytes of RAM. And as much hard disk storage as you'd find on a typical minicomputer. Which makes them ideal file servers for up to 64 users. And the perfect computers for the most advanced CAD users.

That's our entire family of PCs. For reliability, performance, and support, we're convinced they



tions, from word processing to spreadsheets to business graphics.

For power users, our 386-based PCs are available in desktop and desktide packages. They bring you full 32-bit power, so you can handle the most complex business and technical applications, including large databases, desktop publishing, and the most complex design and drawing applications for CAD. In fact, our desktide model has enough processing power to support up to 32 users in a large department.

And at the extreme high end, our i486-based EISA PCs take per-

offer the best choices available to handle your mission-critical applications.

And with our extensive network of authorized resellers—backed by more than 410 HP sales and service facilities around the world—you can count on assistance or advice wherever, or whenever, you need it.

If you'd like more information or a demonstration, **just contact** the authorized HP dealer nearest you.

And we'll show you that there really is a better way.



For the HP authorized dealer nearest you, please call (800) 752-0900, or contact one of the regional offices listed below.

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