

HP 9000 computer systems



Presenting a complete family of high-performance, cost-effective business solutions

If you're looking for a computer system that will meet your company's needs today and tomorrow, take a close look at Hewlett-Packard's remarkable HP 9000 computers.

They're a complete family of compatible systems, including everything from flexible, single-user workstations to powerful multiuser superminicomputers.

All HP 9000 systems run the HP-UX operating system, which complies with existing industry standards like the System V Interface Definition (SVID) and X/Open's™ Common Applications Environment (CAE). A strong proponent of industry standards, HP is also committed to meeting the POSIX standards and supporting OSF software as these emerge.

This means that no matter what the size of your business, there's a versatile HP 9000 system that can help you work successfully and cost-effectively in today's competitive business environment.

With the solid foundation provided by an HP 9000 system, you have a smooth and convenient growth path. You won't have to rewrite application programs, reorganize data or go through a lot of expensive retraining. Instead, you'll have the peace of mind that comes from using a powerful, flexible computer—the product of a company whose name is synonymous with reliability and superior engineering.

Hewlett-Packard.



The compatible HP 9000 family of computers provides a broad range of system choices to meet your specific application requirements.

Powerful, compatible systems you can count on

We know you're looking for a lot of computing power at a reasonable price.

That's why the HP 9000 computers make such good business sense.

For a start, you can choose from one of the broadest computer families in the industry. And like all Hewlett-Packard equipment, HP 9000 systems are designed to provide outstanding value.

No matter what your needs are, we have a computer that delivers the capacity and dependability you're after, at a price that fits your budget.

How do we do it?

With HP Precision Architecture (HP-PA), extra reliability is built into every HP 9000 Series 800 system. That's because its design requires fewer components. This translates

into higher reliability, easier servicing and improved system availability. HP Precision Architecture is the reason our Series 800 systems cost up to 50% less than comparable systems from our competitors!

In addition, HP-PA is flexible enough to easily take advantage of the latest processor technology. And we can bring new levels of performance to market faster. This adds up to a growth path that stays



MODEL 825S

**64 Workstations
20-40 Users**

**8/112 Mbyte
memory
(std./max.)**

**9.1 GB disk
capacity (max.)**



MODEL 835S

**30 Workstations
1-30 Users**

**8/112 Mbyte
memory
(std./max.)**

**9.1 GB disk
capacity (max.)**



MODEL 835SE

**78 Workstations
30-78 Users**

**24/112 Mbyte
memory
(std./max.)**

**9.1 GB disk
capacity (max.)**



MODEL 850S

**300 Workstations
60-120 Users**

**32/128 Mbyte
memory
(std./max.)**

**18.3 GB disk
capacity (max.)**

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.



one step ahead of your increasing performance needs.

Also remember that you can take advantage of Hewlett-Packard's excellent upgrade credit program. It allows you to keep pace with growing processor needs by providing credit toward your purchase of a more powerful system.

Series 800 systems—power and versatility for your changing business world

HP 9000 Series 800 systems offer you a wide range of choices—everything from flexible office and work-group computers to extremely powerful division or corporate systems that support up to 180 concurrent active users and as many as 400 terminals.

Members of the HP 9000 Series 800 family:

- Utilize HP Precision Architecture, based on Reduced Instruction Set Computing (RISC). HP-PA is a system architecture that will continue to meet your needs into the 21st century. Because HP-PA requires shorter product development cycles, you can be assured of a rapidly expanding product family.
- Employ advanced VLSI technologies. This has allowed Hewlett-Packard to dramatically reduce the number of boards comprising a single processor from as many as thirty-two to one! The use of fewer parts means a reduction in problems and an increase in reliability.
- Provide a smooth growth path, thanks to object-code compatibility.
- Provide unique board upgrades that minimize disruption to your business. Box upgrades are also available for selected systems.
- Offer powerfail recovery and battery backup, so valuable data won't be destroyed in a power loss.

Designed for your environment

Hewlett-Packard developed HP 9000 computers to fit easily into your hard-working environment—which means you can save effort, time and money.

All but our two largest systems are designed to be office-environment tolerant, so you avoid extra computer-room expenses.

And your investment in peripherals is protected because most peripherals featuring HP-IB connections easily connect to any HP 9000 system.

Choose from a wide range of applications

Because the HP-UX operating system is standards compliant, you'll be able to choose from an extremely broad selection of high-quality software. This selection includes products that come directly from Hewlett-Packard as well as from value-added businesses.

These applications are available for a variety of business areas, including:

- Distribution
- Education
- Financial services
- Government
- Hospitality services
- Legal services
- Manufacturing
- Research and software development
- Telecommunications

Most likely, your favorite standards-based applications already run on the HP-UX operating system or can easily be ported to any HP 9000 system. Furthermore, with HP-UX as your operating system, you'll significantly reduce training time as personnel move from one system to another, since the application remains unchanged.

When it comes to office systems, Hewlett-Packard is committed to providing a fully supported integrated office solution on the HP-UX operating system, including electronic mail, decision support and PC-integration capabilities.

You can count on Hewlett-Packard and our value-added businesses to provide additional, high-quality software in the years ahead. This is a reflection of our firm commitment to the HP-UX operating system and to the entire family of HP 9000 computers.



MODEL 855S

**400 Workstations
90-180 Users**

**32/128 Mbyte
mem.
(Std./Max.)**

**18.3 GB disk
capacity (max.)**

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A word about the HP-UX operating system

We believe that the future of the computer industry depends on cooperation as well as competition.

That's the reason Hewlett-Packard has played such a major role in supporting standards to which all manufacturers can adhere. In 1986, the HP-UX operating system was the first operating system to pass the UNIX® System V Verification Suite (SVVS), and Hewlett-Packard has worked hard to ensure that the HP-UX operating system complies fully with existing industry and de facto standards.

Since 1982—the beginning of Hewlett-Packard's early involvement in standards development—the highly reliable HP-UX operating system has been contin-

ually enhanced with additional business functionality. This includes native language support, real-time capabilities, powerfail recovery, and easy system administration.

In the future, HP will continue its commitment to supporting, implementing and advancing standards in all areas of computing (operating systems, databases, user interfaces, languages, graphics and networking). We play a leadership role in many standards organizations. HP is an active member of X/Open, chairing the X/Open Board. And, as co-founder of the Open Software Foundation, we are committed to providing the tools for an open systems environment.

A quick introduction to HP Precision Architecture

HP Precision Architecture is based on an exciting concept—Reduced Instruction Set Computing (RISC). To optimize performance, Hewlett-Packard analyzed millions of lines of code from many applications. These applications spanned science, engineering, business and corporate computing environments. The analysis revealed that the CPU utilized a small set (140) of instructions most frequently. These instructions were then implemented directly into the hardware, allowing each to execute in one CPU cycle.

The result?

Markedly increased processing speed at a lower cost.

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The right tool for the right job

We understand the importance of information management and application development tools to a complete system solution. That's why Hewlett-Packard lets you choose from our highly functional database management systems, 4GLs, 3GLs, and other tools and utilities, including:

- HP ALLBASE relational database products
- COBOL, C, Basic and other languages
- X.25, IBM's SNA, Ethernet, NFS and ARPA/Berkeley networking products
- Several hundred tools from leading ISVs

Peripherals . . . more great reasons to choose the HP 9000 family

When you select Hewlett-Packard, you get a lot more than computers.

We think you'll be impressed with our extensive line of industry-leading peripherals—everything from reliable disk and tape drives to high-quality, dependable printers and plotters.

With our superbly engineered peripherals, you maximize your data integrity, back-up speed, printed output quality and operator efficiency.

And because you know you can count on our equipment, you are sure of keeping your operating costs low.

Hewlett-Packard service and support set another standard

Hewlett-Packard offers leadership in more than technology.

In the U.S., for example, HP has been #1 for five straight years in the widely-respected Datapro customer surveys.*

And that should come as no surprise.

With more than 300 service locations in 72 countries, HP ensures that the highest quality of service and support is available whenever it is needed:

- Worldwide support
- A wide choice of support levels
- Excellent response time
- Predictive and remote diagnostic support
- HP Response Centers staffed by technical experts and linked by state-of-the-art data communications systems

With thousands of Hewlett-Packard people in the field serving customer organizations around the world, you can count on support that will maximize productivity and improve that all-important bottom line.

To find out more about how the broad family of powerful, compatible HP 9000 systems can help your company, contact the Hewlett-Packard sales office nearest you.

We think you'll be impressed with their power and their price.

*This high ranking is based on an average of six categories: maintenance effectiveness, maintenance responsiveness, troubleshooting, documentation, education and software support.

U.S.A.:
Hewlett-Packard
Business Computing Systems
19091 Pruneridge Ave.
Cupertino, CA 95014
For the sales office nearest you, call:
(800) 752-0900

Or contact one of the regional offices below:

Hewlett-Packard
4 Choke Cherry Road, Rockville, MD 20850

Hewlett-Packard
5201 Tollview Drive, Rolling Meadows, IL 60008

Hewlett-Packard
5161 Lankershim Blvd.
North Hollywood, CA 91601

Hewlett-Packard
2015 South Park Place, Atlanta, GA 30339

Canada:
Hewlett-Packard Ltd.
6877 Goreway Drive, Mississauga, Ontario
Canada, L4V 1M8
(800) 387-0783

Australia/New Zealand:
Hewlett-Packard Australia Ltd.
31-41 Joseph Street
Blackburn, Victoria 3130, Australia
Tel. (03) 895-2895

Europe/Africa/Middle East:
Hewlett-Packard S.A.
Central Mailing Department
P.O. Box 529
1180 AM Amstelveen
The Netherlands
Tel. (31) 20/547 9999

Japan:
Yokogawa-Hewlett-Packard Ltd.
29-21, Takaido-Higashi 3-chome
Suginami-ku, Tokyo 168
Tel. (03) 331-6111

Far East:
Hewlett-Packard Asia Headquarters
22/F Bond Centre, West Tower
89 Queensway, Central, Hong Kong
Tel. (5) 848-7777

Latin America:
Hewlett-Packard Latin America Headquarters
Monte Pelvoux 111, Lomas de Chapultepec
11000 Mexico D.F.
Tel. (905) 596-79-33

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