Accomplish real work faster

HP 9000 workstations assure software availability and sustained performance

The competitive pressure is on. You've got to get your applications up and running. Now. To accomplish your goals, you need a computer that delivers wide software availability, multitasking ability and dependable networking links to your existing computer resources. To justify the cost, you need a computer with an attractive price/performance ratio. To win on all counts, you need an HP 9000 workstation.

With an HP 9000 workstation, you no longer have to wait for your mainframe to deliver the answers you need as you watch your competition take the lead. You're no longer restricted by the limited software selection for your 32-bit PC, nor hampered by the uneven performance, less-than-crisp graphics or poor multivendor connectivity of your current workstation.

Hewlett-Packard workstations offer predictable, high performance, and run a vast array of software readily available from HP and our many value-added business associates. HP monitors display high-resolution graphics that are easy on your eyes, while HP graphics accelerators, standard with all HP workstations, boost performance to help you accomplish real work even faster. And from entry level to the top of the line, HP 9000 workstations deliver excellent price/performance values.

In addition to offering you higher and more predictable workstation performance, Hewlett-Packard and our subsidiary, Apollo Computer, (collectively HP/Apollo), help protect your current and future computing investments. Our commitment to industry standards provides multi-vendor networking capabilities that enable you to leverage your existing computing resources. And our commitment to system compatibility and upgradability provides cost-effective growth paths far into the future.

Powerful workstations for your current and future applications

Designed to meet both your computational and graphics needs, the HP 9000 workstation family supports a wide variety of applications including:
· mechanical engineering
· electrical engineering
· CASE
· scientific analysis
· financial analysis
· mapping
· command and control
· artificial intelligence
· and many more (see back cover)

Assuring that your application needs are met, Hewlett-Packard's rich software offerings are further broadened by more than 1600 value-added business associates whose extensive array of application software is deliverable today on the HP 9000 platform.

We've also anticipated your future computing requirements. You can enhance your current system simply by adding optional accelerators for both faster computation and improved graphics performance.

Plus, HP upgrades and trade-in options bring the future easily within your reach. Upgrades increase performance by adding to or replacing components in your existing HP 9000 workstation. Trade-in credit is given for the return of a portion or all of your current HP 9000 workstation. So with Hewlett-Packard, you can leverage your current investment while replacing existing equipment with higher-performance technology as it becomes available.

More choice means better value

Hewlett-Packard offers the broadest range of workstations and graphics subsystems available from any single vendor, guaranteeing the best combination of price and performance for both your functional and budgetary requirements.

The HP 9000 workstation family includes the Series 300 Models 340, 360 and 370, based on the Motorola 68030 microprocessor, and the Series 800 Models 825, 834 and 835, powered by our RISC-based HP Precision Architecture.

Models are object-code compatible within a series and source-code compatible between the two series, helping you leverage your software and hardware investments. Low-cost, customer-installable CPU upgrades offer additional value. For example, a simple board-level upgrade gives Model 360 users the performance of the Model 370. Another board-level upgrade for the Model 825 boosts it to Model 835 performance. And all HP 9000 models run the powerful and versatile HP-UX operating system.*
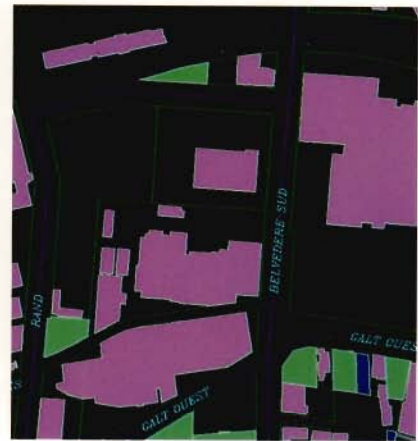

With HP 9000 workstations you can choose:
- Memory from 4-96 Mb
- CPU performance from 4-14 MIPS
- Clock speeds from 16.7-33 MHz
- Floating point performance from .14-2 MFlops
- I/O expandability options
- Support for diskless nodes and shared peripherals

You can also choose precisely the level of graphics functionality you need from HP's range of graphics subsystems:
- M (monochrome)
- C+, MH or CH (accelerated performance)
- CHX (high performance)

Unlike other vendors whose graphics capabilities rely on CPU calculations, Hewlett-Packard's graphics subsystems run on a separate

coprocessor. Just as if you'd added CPU MIPS to your system, you'll experience more consistent performance and faster response times, enabling you to work as fast as you think.

Combine the HP 9000 family's six CPU models and five graphics subsystems along with Hewlett-Packard's top-quality printers, plotters and other peripherals for the most complete selection of graphics workstation systems in the industry today.

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.
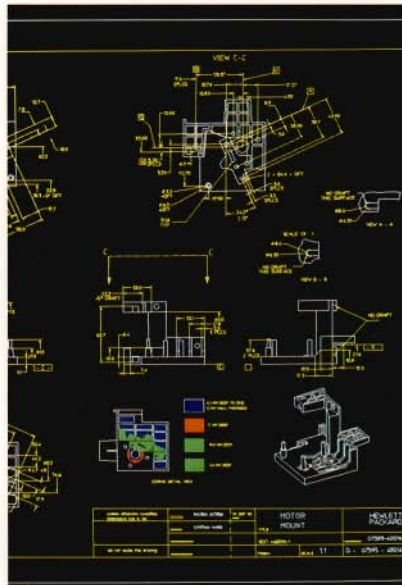
Increase project team productivity

You can increase team productivity and outpace the competition by linking high-powered graphics workstations together, creating efficient and effective workgroup clusters. As a goal-oriented team, each workgroup cluster focuses on its own applications. To accomplish goals cost-effectively, each of these specially-configured workgroup clusters can leverage the power of your organization's mass storage devices, peripherals and additional computing resources by using HP's network servers, Models 15NS and 25NS.

The network server acts as the team's central file server, increasing efficiency and cost-effectiveness. Project members can share, access and save up-to-the-minute information quickly and easily. One system backup can take care of the entire team's work. A single application software update is all that is needed to get every team member using the same, most current revision. By minimizing time spent on system administration, Hewlett-Packard workgroup cluster systems enable each group to spend more time doing real work. And team access to HP's array of high-performance peripherals further reduces the per-seat cost of the workgroup.

Setting up your HP workgroup cluster system is fast and easy. To save you time and money, the system comes pre-loaded with the powerful HP-UX operating system. And the X Window System is available pre-configured, complete with tools to help you increase project team productivity.

Standards you can count on

Hewlett-Packard's long-term commitment to industry standards helps you leverage your computing investments into the future, and enables you to make the most of your existing computer resources. As you purchase new systems, standards ensure common user interfaces, protecting your investment in software and in training. A leader in multi-vendor connectivity, HP/Apollo actively supports such industry standards as POSIX, X/Open™, NCS, NLS, OSI, the X Window System, the OSF/Motif™ user environment, CGM, GKS, PHIGS, PHIGS+ and many more, providing wide software availability and strong connections to other vendors' computers.
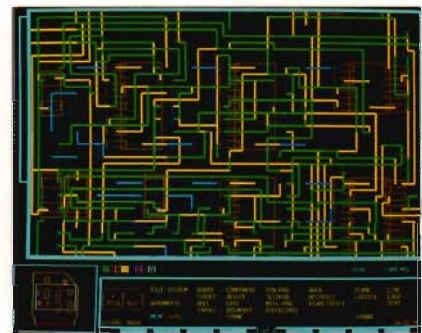
Achieve more with top-rated support

When you choose Hewlett-Packard, you get more than just superior products – you get our attention. We listen to your needs and concerns and respond with features that are important to you – offerings like application software availability, cost-effective growth paths, outstanding price/performance values. And once you purchase a Hewlett-Packard product, we stand beside you with dependable quality, service and support.

Our overriding commitment to providing the highest quality products, backed by exceptional service at low costs, consistently earns HP top ratings for customer satisfaction and support in independent user surveys.

Contributing to your success, HP/Apollo is ready today with the innovations, standards, solutions and support you need to accomplish real work faster and maintain a competitive edge.

HP/Apollo platforms provide solutions for:

Aeronautical Engineering
Aerospace Engineering
AI Program Development
Architectural Engineering
CASE
Chemical Engineering
Civil Engineering
Command, Control and Communications
Computer Aided Design
Computer Integrated Manufacturing
Construction
Database Management
Data Communications Networking
Earth Resources
Electrical Engineering
Factory Automation
Financial Analysis
Geographical Information Systems
Graphics
Imaging
Industrial Automation
Languages and Compilers
Mapping
Math and Statistics
Mechanical Engineering
Medicine
Process Control
Scientific Computation
Software Development
Statistical Analysis
Structural Engineering
Technical Office Automation
Technical Publishing

For more information on how HP 9000 workstations can help you accomplish real work faster, call 1-800-752-0900 for the location of your local Hewlett-Packard sales office or authorized distributor. Or call one of these HP regional offices for the location of the HP sales office nearest you.

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