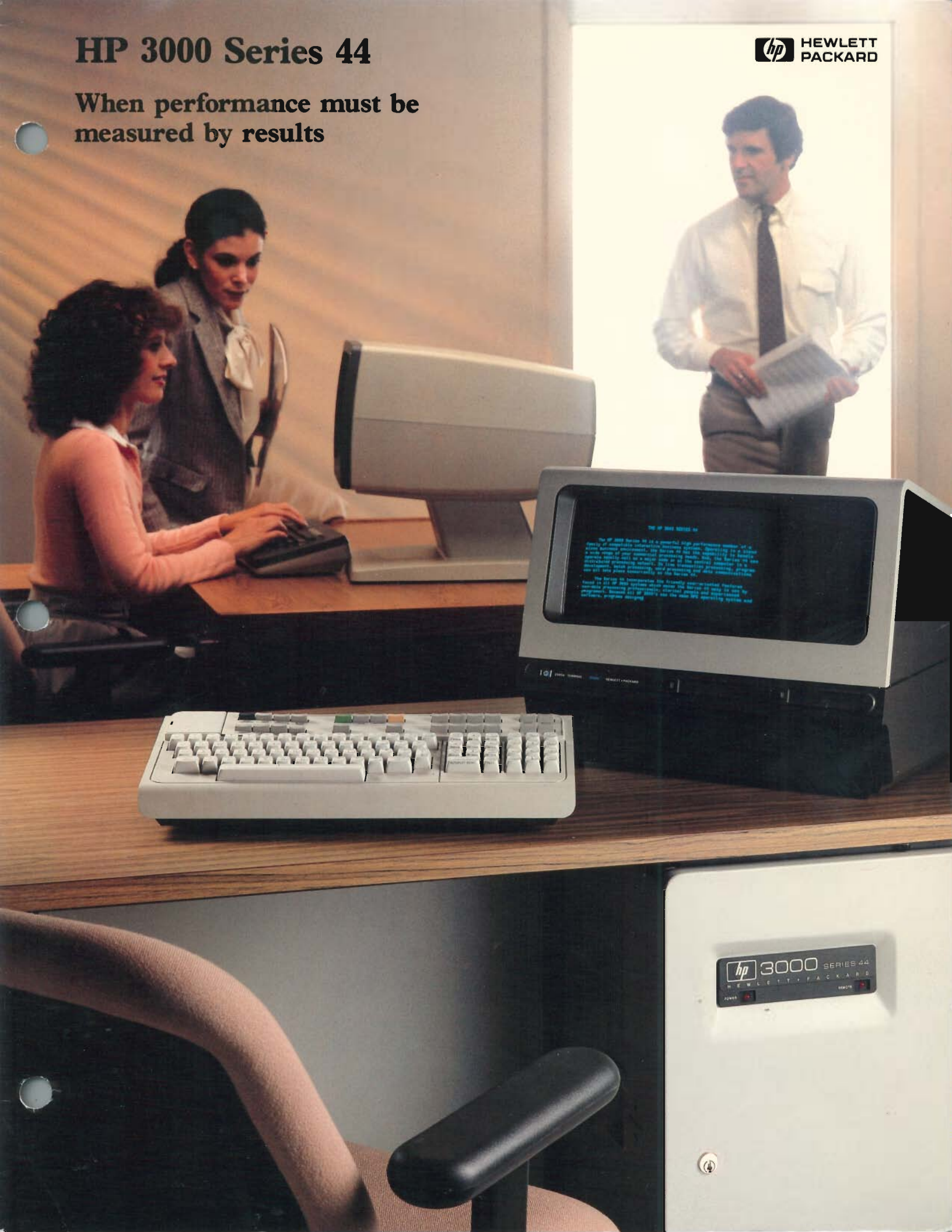


HP 3000 Series 44

When performance must be
measured by results



The HP 3000 Series 44 is a powerful, high performance member of a family of computers that have been the backbone of business operations for over 20 years. Offering a wide range of performance capabilities, the HP 3000 Series 44 is designed to meet the needs of a wide range of applications. Its advanced architecture, including its multi-channel processing system, its time sharing system, its multiprocessing, data processing, and programming capabilities, all work together to provide the performance and reliability that you need for your business.

hp 3000 SERIES 44
HEWLETT-PACKARD

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HP 3000 Series 44





■ The HP 3000 Series 44 is the powerful, mid-range member of the HP 3000 family of compatible, interactive business systems. Operating in a stand-alone business environment, the Series 44 has the capability to handle a wide range of your commercial processing needs. And, the Series 44 can operate equally well as a major node or as the central computer in a distributed processing network through our distributed processing data communications software. The Series 44 supports up to 96 simultaneous users performing a variety of applications. On-line transaction processing, program development, batch processing, word processing and data communications can all take place concurrently on the Series 44.

The Series 44 incorporates the friendly, user-oriented features found in all HP 3000 systems which makes the Series 44 easy to use by non-data processing professionals and clerical people. For your programming professionals, there is an integrated package of high-level productivity tools which allow applications to be developed in a fraction of the time required to develop programs in traditional languages. Because all HP 3000's use the same MPE operating system and software, programs designed for one system can easily be transferred to any other HP 3000. And, as your data processing requirements change, the Series 64 is a compatible growth path which can meet your increased computer needs.

Specifications

■ System Specifications

Memory

Expandable from 1 Mb to 4 Mb in 512 Kb or 1 Mb increments.

Terminals

60 point-to-point. Total of 96 (point-to-point and multipoint).

Printers

Support for 300, 400, 600, and 1000 lpm system line printers. Also support for Laser Printing System and 180 cps dot-matrix and 40 cps daisy-wheel printers.

Disc Drives

Support for 27, 50, 64, 120, and 404 Mb disc drives.

Tape Drives

Support for 1600 bpi and 1600/6250 bpi (switch-selectable) tape drives.

Communication Lines

7 synchronous communication lines for system-to-system or multipoint communication.

Reliability

Microprocessor-based controller dedicated to control and maintenance of Series 44.

Software Compatibility

Compatible with other members of the HP 3000 family.

■ Environmental Specifications

SPU Physical Specifications

Height 72.4 cm / 28.5 inches
Width 183.5 cm / 72.25 inches
Depth 79.4 cm / 31.25 inches
Weight 109 kg / 240 lbs.

Relative Humidity (operating)

Recommended (non-condensing)
40% - 60%

Recommended Operating Temperature

20° C - 25.5° C / 68° F - 78° F

Heat Dissipation

2580 kcal/hour / 7380 btu/hour

Line Voltage/Frequency

210 VAC @ 60 Hz
220 VAC @ 50 Hz

Line Current

13.1 A @ 60 Hz
12.4 A @ 50 Hz

■ Regulation Compliance

Safety

U.L. listed for EDP equipment. CSA certified for EDP equipment. IEC compliance for data processing and office machines.

RFI

In compliance with U.S. F.C.C. regulations. FTZ licensed.

■ Software

Operating System

MPE
MultiProgramming Executive

Utilities

EDIT/3000 FCOPY/3000
SORT-MERGE/3000

High Level Languages

COBOL II/3000 RPG II/3000
Pascal/3000 BASIC/3000
SPL/3000 FORTRAN/3000

Data Base Management

IMAGE/3000
Data base management system
QUERY/3000
Data base inquiry language
KSAM/3000
Indexed file system using Keyed Sequential Access Method
HP DICTIONARY/3000
Dictionary/directory facility for centralized control, standardization and documentation

Transaction Systems

HP REPORT/3000
Non-procedural report writer
HP TRANSACT/3000
High-productivity language for transaction application development
HP INFORM/3000
Interactive prompting inquiry and preformatted report generation facility
HP VPLUS/3000
Data entry and forms management

Office Systems

HPWORD

Keystroke interactive word processor

HPSLATE

Full-screen text editor
TDP/3000
Text and Document Processor
DSG/3000
Decision Support Graphics
IFS/3000
Interactive Formatting System
IDS/3000
Interactive Design System

Manufacturing Application Software

PM/3000
Production Management
MM/3000
Materials Management

HP Distributed Systems Network (DSN) Software

DSN/RJE
Remote Job Entry—2780/3780 emulation
DSN/MRJE
Multileaving Remote Job Entry
HASPII/JES/ASP workstation emulation
DSN/DS
Distributed Systems communication software
DSN/MTS
Multipoint Terminal Software
DSN/IMF
Interactive Mainframe Facility—3270 emulation

Performance Measurement

OPT/3000
On-line Performance Tool
Performance Measurement Package

Additional Software

Flexible Disccopy/3000
Scientific Library/3000

■ Support Services

A wide range of worldwide hardware and software support services including the 99% Guaranteed Uptime Service is available for the Series 44. Consult the HP 3000 Specifications Guide for a complete description of hardware and software support services.