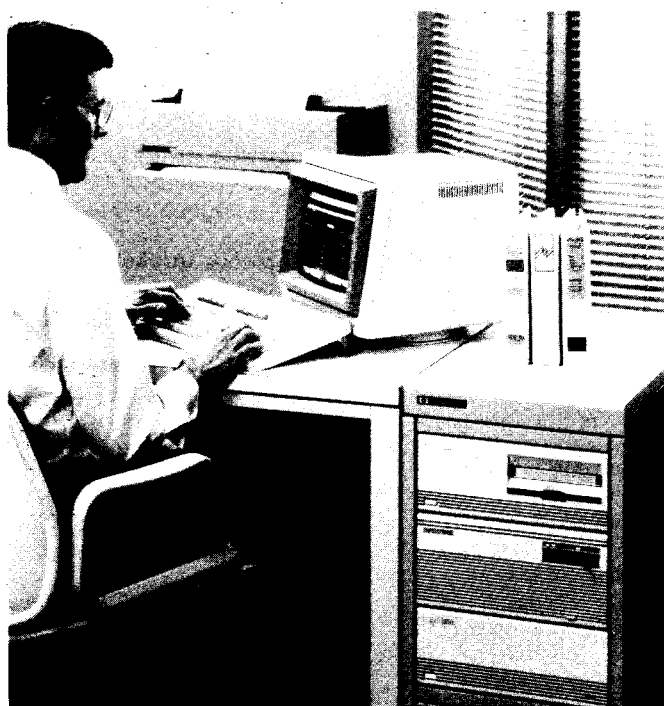


HP 3000 Computer Systems Series 37



Technical Data



Description

The HP 3000 Series 37 is a complete entry-level business system which is the choice of many small-to-medium size businesses and large companies for branch office and departmental applications. It brings the power of concurrent transaction processing, word processing, batch processing and data management to the office. This entry-level system is customer installable and can be easily expanded to the Series 37XE. Its software compatibility preserves your software investment by providing a smooth and conversion free growth path to larger HP 3000 systems. The low operating and maintenance requirements for hardware, software and personnel provide a system that is affordable today and tomorrow. The compact, reliable Series 37 is a system your business can count on.

The Series 37 package includes:

- System Processor
- 512 Kb Memory
- 6 Direct and 1 Modem Ports
- Fundamental Operating Software
- 55 Mb Winchester Disc
- 67 Mb Cartridge Tape Backup
- 1 HP 2392A Terminal
- System Cabinet

Features

- Friendly, user-oriented operating environment
- Customer installable configurations
- Compact, quiet design for the office
- Convenient file backup capability
- Complete selection of data communications solutions
- Compatible upgrade path for future growth
- One-step startup
- Remote console capability

System Specifications

Memory

512 Kb standard. Expandable to 2 Mb.

Terminals & Personal Computers

7 point-to-point standard. Expandable to 14 point-to-point. Supports data entry, word processing and graphics terminals and personal computers.

Disc Drives

Standard with 55 Mb disc drive. Also supports 132 Mb and 404 Mb disc drives. Maximum of 2.1 Gb.

Tape Drives

Standard with 67 Mb Cartridge Tape Drive. Support for 1600, 800/1600, and 1600/6250 bpi tape drives.

Printers

Support for 300, 600, 900 lpm and 12, 45 ppm system printers. Also supports 40 cps daisywheel, 100/200 cps dot matrix and 8 ppm laser printers.

Communication Lines

1 Synchronous line for system-to-system communication.

Power Failure Recovery

15 minute battery backup of system memory with automatic system recovery when power resumes.

Compatibility

Compatible with the full line of HP 3000 systems.

Software

Operating Systems

MPE
Multi-programming Executive

Utilities

EDIT/3000
FCOPY/3000
SORT/MERGE/3000

Native Language Support

Tailors application language to variety of country needs.

High-Level Languages

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

Programmer Productivity Tools

HP TOOLSET
Program development system

Data Base Management

IMAGE/3000
Data base management system
QUERY/3000
Data base inquiry system
KSAM/3000

Indexed file system using Keyed Sequential Access Method

Dictionary/directory facility for centralized control, standardization and documentation

Office Systems

HPWORD
Keystroke interactive word processor
HPSLATE
Full-screen text editor
TDP/3000
Text and Document Processor
DSC/3000
Decision Support Graphics
IFS/3000

Interactive Formatting System

HPDRAW
Text and figure presentation graphics
HPASCHART
Chartmaker graphics
HPMENU
Interactive office menu facility
HPDESKMANAGER
Electronic mail system
HPSPELL
American and English dictionary
HPLISTKEEPER
Personal Information Management
HPTELEX
Telex communication
VISICALC/3000
Spreadsheets analysis

Transaction Systems

RAPID/3000 processor
HP INFORM/3000

Interactive prompting inquiry and preformatted report generation facility
HP VPLUS/3000
Data entry and forms management
HP REPORT/3000
New procedural report-writer
HP TRANSACT/3000

Fourth generation language for fast application development.

Network Software

DS
Distributed Systems Network
RJE
Remote Job Entry - 2780/3780 emulation
MRJE
Multileaving Remote Job Entry - HASP II/JES/ASP workstation emulation
IMF
Interactive Mainframe Facility - 3270 emulation
X.25
Packet Switching Network

Distribution Software

SFD/3000
System for Distributors
OM/3000
Order Management

Financial Software

HPFA
Integrated Financial Accounting System
HPPAY
Payroll Processing System

Manufacturing Software

NM/3000
Materials Management System
PM/3000
Production Management System
HP MAINTENANCE MANAGEMENT
Manufacturing Operations
Maintenance Control

Performance Measurement

OPT/3000
On-line Performance Tool
Performance Measurement Package
APS/3000
Application Program Sampler

Third Party Software

A wide variety of applications developed by independent software vendors is available for the HP 3000. Contact your HP Sales Representative for further information.

Environmental Specifications*

Processor Physical Specifications
Height 156 mm / 6.14 inches
Width 325 mm / 12.8 inches
Depth 400 mm / 15.75 inches
Weight 16 kg / 35 lbs.

Cabinet Physical Specifications
Height 720 mm / 29 inches
Width 375 mm / 15 inches
Depth 711 mm / 28.5 inches
Weight 33 kg / 73 lbs.

Relative Operating Humidity

20-80% RH @ 40 °C Non-condensing
Max. Wetbulb 26 °C

Recommended Operating Temperature

10-40 °C / 50-104 °F

Sound Power Level

55 dba @ 1 meter

Heat Dissipation

520 kcal/hour / 2060 btu/hour @ 60 Hz.
660 kcal/hour / 2620 btu/hour @ 50 Hz.

Line Voltage/Frequency

100-120 VAC Nominal ± 10% (48-66 Hz.)
200-240 VAC Nominal ± 10% (48-66 Hz.)

Line Current

7 amps @ 115 VAC 60 Hz.
4 amps @ 220 VAC 50 Hz.

*For a minimum configuration including SPL, 7945A disc and 9144A tape backup mounted in the system cabinet.

Regulation Compliance

Safety

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

RFI

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

Support Services

A wide range of hardware and software support services are available world-wide for all systems in the HP 3000 computer family. This includes HP's Tele-Support Program and Support Link Modem which are provided with the purchase of selected support services. Consult your HP Sales Representative for a complete description of hardware and software support services.