

# HP 3000 Computer Systems Series 37XE



## Technical Data

---



### Description

The HP 3000 Series 37XE is an interactive business system which is ideal for distributed branch office and departmental applications. It fully supports the integration of office automation, personal computing, data processing and communications. Providing greater expandability than the Series 37, its powerful capabilities make it the high productivity solution required for expanding distributed processing networks or for meeting the single computer needs of small businesses. The Series 37XE provides a compatible growth path to larger HP 3000 systems which preserves your software investment.

### Features

- Friendly, user-oriented operating environment
- Compact, quiet design for the office
- Convenient file backup capability
- Complete selection of data communications solutions
- Compatible upgrade path for future growth
- System expandability meets demanding business needs
- One-step startup
- Remote console capability

### System Specifications

#### Memory

1 Mb standard. Expandable to 2 Mb.

#### Terminals & Personal Computers

7 point-to-point standard. Expandable to 28 point-to-point. Supports data entry, word processing and graphics terminals and personal computers.

#### Disc Drives

Support of 55, 132 and 404 Mb disc drives. Maximum of 2.1 Gb.

#### Tape Drives

Support for 67 Mbyte Cartridge Tape, 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

3 synchronous lines for system-to-system communications.

#### Power Failure Recovery

15 minute 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  
MultiProgramming 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/3000  
Dictionary/directory facility for centralized control, standardization and documentation

### Office Systems

HPWORD  
Keystroke interactive word processor  
HP SLATE  
Full-screen text editor  
TDP/3000  
Text and Document Processor  
DSG/3000  
Decision Support Graphics  
IFS/3000  
Interactive Formatting System  
HPDRAW  
Text and figure presentation graphics  
HPEASYCHART  
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  
Spreadsheet 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

MM/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

(Including I/O Expansion Unit)  
Height 312 mm / 12.28 inches  
Width 325 mm / 12.8 inches  
Depth 400 mm / 15.75 inches  
Weight 30 kg / 66 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  $\pm$  10% (48-66 Hz.)  
200-240 VAC Nominal  $\pm$  10% (48-66 Hz.)

### Line Current

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

---

*\*For a minimum configuration including SPU, I/O Expansion Unit, 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 worldwide 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.