HP 3000 Computer Systems Series 48

Technical Data

Description

The Series 48 is the most expandable mid-range member of the HP 3000 family of compatible, interactive business systems. Operating in a stand-alone business environment, the Series 48 has the capability to handle a wide range of commercial processing needs. The Series 48 can operate equally well as a major node or as the central computer in a distributed processing network through our data communications software. The Series 48 supports up to 152 users and excells at performing a variety of applications. Online transaction processing, program development, batch processing, word processing and data communications can all take place concurrently and easily on the Series 48.

Features

- Friendly, user-oriented software
- MPE operating system compatibility with the HP 3000 family
- Complete package of business application software
- Top-ranked data communications solutions
- Compatible upgrade path for future growth

System Specifications

Memory
2 Mb standard. Expandable to 4 Mb in 512 kb or 1 Mb increments.

I/O Performance
Disc caching through utilization of excess memory for optimal I/O performance.

Terminals & Personal Computers
Up to 120 point-to-point. Total of 152 (point-to-point and multipoint). Supports data entry, word processing and graphics terminals and personal computers.

Discs
Support for 28, 65, 132 and 404 Mb disc drives. Maximum of 4.2 Gb.

Tape Drives
Support for 1600, 800/1600 and 1600/6250 bpi tape drives. 67 Mb cartridge tape is also supported.

Printers
Support for 300, 600 and 900 lpm system line printers. Also support for intelligent laser page printers, dot-matrix and daisy-wheel printers.

Communication Lines
Up to 7 synchronous lines for system-to-system or multipoint 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
  MultiProgramming Executive
  Disc I/O Caching

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

Program Development
HPTOOLSET
  Programmer productivity tools

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
HP DICTIONARY/3000
  Dictionary/directory facility for cen-
  tralized control, standardization and
  documentation

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

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
SNA NRJE
  SNA Network Remote Job Entry —
  8100 DPPX/RJE workstation emulation
MTS
  Multipoint Terminal Software
X.25
  Packet switching network

Manufacturing Application
HP Production Management/3000
HP Capacity Requirements Planning/3000

HP Materials Management/3000
HP Material Requirements Planning/3000
HP Master Production Scheduling/3000
HP Standard Product Costing/3000
HP Factory Order Entry/3000
HP Lot Control and Traceability/3000

HP Maintenance Management

Semiconductor Information Systems
IC-10
  IC Manufacturing Information System
CA-10
  IC Cost Accounting System
TD-10
  Transaction and Display Processor
EN-10
  Engineering Data Collection System
EA-10
  Engineering Analysis System
SO-10
  Sales Order System

Financial Systems
HP Financial Accounting
  General Ledger
  Dual Ledger
  Accounts Payable
  Accounts Receivable
  Report Facility
  Interface Facility
  Allocator
  General Accounting
HP PAY
  Payroll

Distribution
SFD/3000
  System For Distributors
OM/3000
  Order Management

Performance Measurement
OPT/3000
  On-line Performance Tool and
  performance measurement package
APS/3000
  Application Program Sampler

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

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   109.0 kg (240 lbs.)

Relative Operating Humidity
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
13.1A @ 60 Hz
12.4A @ 50 Hz

Regulation Compliance

Safety
U.L. listed for EDP equipment. CSA certi-
fied for EDP equipment. IEC compliance
for data processing and office machines.

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. These services include 99%
Guaranteed Uptime, Custom Support and
Tele-Support. Our HP ASSIST consulting
services will help you analyze your
application needs and implement HP
solutions. Contact your HP Sales Repre-
sentative for a complete description of
hardware and software support services.

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