

## Configuring MPE/iX for HP e3000 Systems

Hewlett-Packard's broad range of compatible HP e3000 business computer systems provides a single operating environment (MPE/iX) and compatible software, which increases productivity throughout your organization—end users, operators, system administrators, and programmers.

The functional heart of the HP e3000 is an open operating environment that supports extensive commercial functionality and POSIX application programming interface (APIs). MPE/iX, multiprogramming executive with extended large addressing, is optimized for online transaction processing (OLTP) as well as Peripheral Component Interface (PCI) business processing, while supporting many major industry standards for portability and interoperability.

The powerful combination of openness and OLTP reliability coupled with the speed and performance characteristics found within the PCI system architecture makes it an ideal operating environment to drive the wide range of Precision Architecture-RISC-based HP e3000 systems.

System sales of HP e3000 servers ended on October 31, 2003. This information is provided for ongoing reference use while the 3000/MPE installed base steadily transitions to other computing platforms. To provide assistance and flexibility that customers may require in these efforts, limited software and add-on hardware products remain available from HP through October 31, 2004. Full information on the HP e3000 transition program is available at [www.hp.com/go/evolve](http://www.hp.com/go/evolve).

### Superior Performance

MPE/iX has long been known for being the most reliable and stable operating system for I/O-intensive online transactional processing (OLTP), multi-batch, and general-purpose business data processing applications. In particular, MPE/iX Release 7.5 offers brand new support for PCI I/O devices on the multi-way A- and N-Class Servers that provides for unprecedented processing speeds anywhere within the HP e3000 family.

The HP e3000's high OLTP performance is achieved with tight integration of the operating system, the underlying PA-RISC hardware, and HP's database management systems ALLBASE/SQL and IMAGE/SQL. Performance is further streamlined by highly efficient I/O processing and maximum main memory utilization, which results in minimizing the number of physical I/Os that must actually be performed.

Also, MPE/iX Release 7.5 provides additional functionality to the A- and N-Class systems, such as Native Fibre Channel Support, new storage devices, increases in user logging limits, ability to access LDEV 1 disk space beyond 4 GB, and many other system enhancements designed to help MPE/iX and HP e3000 customers. MPE/iX Release 7.5 runs on the entire line of HP e3000 server platforms currently supported by HP; from the the newly released PA 8700 HP PA RISC processors running on our multi-way HP e3000 A- and N-Class servers, through our entry-level support series 900 systems, which include the 9x8, 9x9KS, 99x.

### Robust Functionality

A full range of processing functionality is offered on the HP e3000, including built-in capabilities to ensure superior data integrity, system security, easy systems management, and sophisticated performance measurement and analysis tools. Additionally, a variety of Web-enabling technologies and seamless interoperability with other platform environments form the foundation on which to evolve into and enable growth in an Internet world.

### Internet Solutions for MPE/iX

Please refer to **Chapter 7** in this guide and **Chapter 7** in the *HP e3000 Business Servers Ordering Guide* for Internet Solutions on the HP e3000 MPE/iX systems.

## High Availability for MPE/iX

With an increasing dependence on computer systems, downtime means lost revenue, reduced productivity and higher costs. Reliability, resiliency and system availability are no longer luxuries; rather, they are crucial to the survival and success of any business. The HP e3000 offers significant enhancements that deliver very high data availability and integrity for business-critical applications. MPE/iX provides a strong, solid, and reliable foundation for always-on businesses with three levels of availability: basic system availability with built-in fault avoidance, high availability for rapid recovery and disaster tolerance

High-availability features, such as transaction management, automatic powerfail recovery, user volumes, and online diagnostics are standard on all HP e3000 systems. Other solutions, such as HP Mirrored Disk/iX, HP AutoRestart/iX, HP SharePlex/iX–NetBase, HP TurboSTORE/iX II, Cluster/iX and High Availability FailOver/iX (HAFO) are additional HA-products that can be purchased to tailor your system to the specific requirements of your environment.

## Ease-of-Use

The HP e3000 offers a simple, consistent, and intuitive interface for end users and system administrators; major multivendor CASE tools for application development; and an online Help facility.

## MPE/iX—Systems Interoperability and Standards

In today's heterogeneous computing environments, it is essential that businesses have the ability to operate across platforms and applications. MPE/iX provides OLTP performance and functionality for business-critical applications while also supporting PCI I/O interfaces for interoperability with other platforms and applications. MPE/iX Release 7.5 and web-enabling technologies now bundled in the FOS, deliver just this kind of seamless interoperability with UNIX, NT and other major Internet and intranet platforms.

Internet services included in MPE/iX 7.5 make it easy to integrate the HP e3000 into a multi-platform environment. These services include the standard interoperability features of:

- M.B. Foster Associates Open Database Connectivity (ODBC) for a standard interface to access a variety of databases using SQL such as IMAGE/SQL and ALLBASE/SQL
- Java™ Database Connectivity (JDBC), which allows Java applications to access data stored in databases.

## New Features Introduced with MPE/iX 7.5

HP is pleased to announce the delivery of MPE/iX Release 7.5, which expands operational efficiency and customer satisfaction within the HP e3000 community by increasing system functionality and performance.

Listed below are a variety of new features and technologies that are available in the latest MPE/iX Release 7.5. This also includes features previously included as PowerPatches in MPE/iX Release 7.0 and MPE/iX Release 6.5.

MPE/iX Release 7.5 features include:

- HP e3000 A400, A500 and N4000 multi-processor support
- Support for PA-8700 A- and N-Class systems.
- Native Fibre Channel Support for 2-GB/s Fibre Channel Device Adapter Card on A- and N-Class HP e3000 systems.
- HP Surestore Tape Array 5300
- Ultra160 SCSI cards
- FC 8B/16B Switches
- XP128 and XP1024
- HP Surestore Disk System 2300 (DS2300)
- HP WebWise v.2 bundled with 7.5 FOS
- Sendmail MTA (Mail Transport Agent) bundled with 7.5 FOS

- ODBC and JDBC continue to be prime database connectivity
- Large dataset support
- User logging limits increases
- Enhanced IMAGE/SQL performance features
- Expansion of PLFD table, increasing concurrent file processing
- HP Predictive Support software
- LDEV 1 now supports more than 4 GB disk space up to disk limits
- UPS Monitor enhancements and now bundled with 7.5 FOS

Also refer to the latest HP e3000 Business Server MPE/iX Technical Datasheet (5968-8856E).

## **MPE/iX Media Products**

For each new HP e3000 system, a media product must be ordered. For details on how to order the MPE/iX media products, please refer to Chapter 5 of the “HP e3000 Business Servers Ordering Guide.”

### **Add-on Versus Standalone Software Products**

Any add-on software offered by Hewlett-Packard for the HP e3000 requires you to order a media product in addition to the actual software license product. This applies to most HP e3000 application and network software driver products that do not have their own media option (AAH).

6250-bpi magnetic tape (media option AA2) will be unavailable for delivery of software products and subsystem tapes as of MPE/iX Release 7.0 and forward.

HP has also discontinued software distribution on DDS1 media format, effective August 1, 2002. The replacement format will be DDS2, which is readable on all DDS2, DDS3 and DDS4 devices. Additionally, MPE/iX Release 7.5, will be released on DDS2 formatted media.

Customers who have DDS1 devices (A1501A, A1511A, A1512A) should plan to replace them with DDS3 or DDS4 devices to ensure business continuity. Please check with your local HP sales representative or authorized Hewlett-Packard reseller for DDS1 device end of support as well as comparable DDS3 and DDS4 devices.

Some standalone software does not require the customer to order any MPE/iX media product. Standalone software products offered by Hewlett-Packard for the HP e3000 can be recognized by the fact that they have their own media option (for example: option AAH).

### **CD-ROM Software Updates**

MPE/iX software is available on CD-ROM for software updates only. Customers who wish to receive MPE/iX software updates on CD-ROM should contact their support contract administrator, who will update their support contract to indicate CD-ROM media.



## Learning Products

The following tables list the complete learning products set available for the HP e3000. The tables are for your reference. Hardcopy documentation can be ordered as separate part through Hewlett-Packard's parts center. A complete MPE/iX documentation set is also available; please refer to Chapter 5 of the "HP e3000 Business Servers Ordering Guide."

**Note:** Encourage your customer to order the manuals on CD-ROM as outlined above, or to download the documentation from Hewlett-Packard's Technical Documentation website: <http://www.docs.hp.com>

Manual Title	Order Part Number	Manufacturing Part Number	Latest Edition	How Available	View on the Web*
<b>Communicators and System Software Maint. Manuals</b>					
Communicator 3000 (7.5)	30216-90336	30216-90336	Aug-02	.pdf CD and inst Info	Yes
Communicator 3000 (7.0)	30216-90312	30216-90312	Feb-01	.pdf CD and inst. Info	Yes
Communicator 3000 (6.5)	30216-90291	30216-90291	Mar-00	.pdf and inst. info.	Yes
Communicator 3000 (PowerPatch 1 based on 6.0)	30216-90286	30216-90286	Aug-99	.pdf and inst. info.	Yes
Communicator 3000 (6.0)	30216-90269	30216-90269	Oct-98	.pdf and inst. info.	Yes
Communicator 3000 (PowerPatch 5 based on 5.5)	30216-90257	30216-90257	Aug-98	.pdf CD	Yes
Communicator 3000 (PowerPatch 7 based on 5.5)	30216-90282	30216-90282	Mar-99	.pdf CD	Yes
HP 3000 MPE/iX System Software Maintenance Manual (7.5)	30216-90342	30216-90342	Aug-02	.pdf CD	Yes
HP 3000 MPE/iX System Software Maintenance Manual (7.0)	30216-90317	30216-90317	Feb-01	.pdf CD	Yes
HP 3000 MPE/iX System Software Maintenance Manual (6.5)	30126-90298	30216-90298	Mar-00	.pdf and inst. info.	Yes
HP 3000 MPE/iX System Software Maintenance Manual (6.0)	30126-90272	30216-90272	Oct-98	.pdf and inst. info.	Yes
HP 3000 MPE/iX System Software Maintenance Manual (5.5)	30216-90223	30216-90223	Jul-96	.pdf CD	No
<b>MPE/iX Operating System</b>					
System Startup, Configuration, and Shutdown Reference Manual	32650-90892	32650-90892	Feb-01	.pdf CD and inst. info.	Yes
CI Programming Quick Reference Pocket Card	32650-90876	32650-90876	Mar-00	.pdf CD.	No
FCOPY Reference Manual	32212-90003	32212-90008	Jun-92	.pdf and inst. info.	Yes
HP 3000 Series 9x8LX Computer Systems: Commands Reference	B3813-90011	B3813-90012	Apr-94	.pdf and inst. info.	Yes
HP 3000 Series 9x8LX Computer Systems: Getting Started	B3813-90003	B3813-90014	Apr-94	.pdf and inst. info.	Yes
HP 3000 Series 9x8LX Computer Systems: Task Reference Manual	B3813-90009	B3813-90010	Apr-94	.pdf and inst. info.	Yes
HP 3000 Series 9x8LX Computer Systems: Understanding Your System	B3813-90001	B3813-90013	Apr-94	.pdf and inst. info.	Yes
HP Easytime/XL Quick Reference Card	B1940-90001	B1940-90611	Jun-92	.pdf CD	No
HP Easytime/XL User's Guide	B1940-90002	B1940-90602	Sep-91	Hardcopy	No
MPE/iX Commands Reference Manual	32650-90877	32650-90877	Mar-00	.pdf and inst. info.	Yes
MPE/iX Day to Day Tasks Reference Card	A1707-90004	A1707-96034	Jun-92	.pdf CD	No
MPE/iX Documentation Guide	32650-90866	32650-90866	Mar-98	.pdf and inst. info.	Yes
MPE/iX Error Messages Manual Vol 1	32650-90878	32650-90878	Mar-00	.pdf and inst. info.	Yes
MPE/iX Error Messages Manual Vol 2	32650-90879	32650-90879	Mar-00	.pdf and inst. info.	Yes
MPE/iX Error Messages Manual Vol 3	32650-90880	32650-90880	Mar-00	.pdf and inst. info.	Yes
MPE/iX Glossary of Terms and Acronyms	32650-90887	32650-90887	Mar-00	.pdf and inst. info.	Yes
MPE/iX Quick Reference Guide	32650-90881	32650-90881	Mar-00	.pdf and inst. info.	Yes
MPE/iX System Utilities Reference Manual	32650-90908	32650-90908	Aug-02	.pdf and inst. info.	Yes
SORT-MERGE/XL General User's Guide	32650-90883	32650-90883	Mar-00	.pdf and inst. info.	Yes
SORT-MERGE/XL Programmer's Guide	32650-90084	32650-90084	Mar-00	.pdf and inst. info.	Yes
Using HP 3000: Advanced Skills Tutorial	32650-90872	32650-90872	Oct-98	.pdf and inst. info.	Yes
Using HP 3000: Fundamental Skills Tutorial	32650-90871	32650-90871	Oct-98	.pdf and inst. info.	Yes
<b>Development Tools and Distributed Computing</b>					
ODBCLink Reference Manual	36217-90410	36217-90410	Feb-01	.pdf CD and inst. info.	Yes
Accessing Files Programmer's Guide	32650-90885	32650-90885	Mar-00	.pdf and inst. info.	Yes
ALLBASE NET User's Guide	36216-90031	36216-90101	Apr-94	.pdf and inst. info.	Yes
ALLBASE/SQL Advanced Application Programming Guide	36216-90100	36216-90099	Apr-94	.pdf and inst. info.	Yes



Manual Title	Order Part Number	Manufacturing Part Number	Latest Edition	How Available	View on the Web*
ALLBASE/SQL C Application Programming Guide	36216-90023	36216-90080	Jun-92	.pdf and inst. info.	Yes
ALLBASE/SQL COBOL Application Programming Guide	36216-90006	36216-90081	Jun-92	.pdf and inst. info.	Yes
ALLBASE/SQL Database Administration Guide	36216-90005	36216-90214	Aug-97	.pdf and inst. info.	Yes
ALLBASE/SQL FORTRAN Application Programming Guide	36216-90030	36216-90079	Jun-92	.pdf and inst. info.	Yes
ALLBASE/SQL Message Manual	36216-90218	36216-90218	Mar-00	.pdf and inst. info.	Yes
ALLBASE/SQL Pascal Application Programming Guide	36216-90007	36216-90082	Oct-92	.pdf and inst. info.	Yes
ALLBASE/SQL Performance and Monitoring Guidelines	36216-90102	36216-90103	Apr-94	.pdf and inst. info.	Yes
ALLBASE/SQL Reference Manual	36216-90216	36216-90216	Mar-00	.pdf and inst. info.	Yes
Asynchronous Serial Communications Programmer's Reference Manual	32022-61001	32022-90052	Oct-98	.pdf and inst. info.	Yes
BASIC Interpreter Reference Manual	30000-90026	30000-90026	Nov-78	Hardcopy	No
BASIC/3000 Compiler Reference Manual	32103-90001	32103-90001	Sep-77	Hardcopy	No
Berkeley Sockets/iX Reference Guide	32650-90363	32650-90372	Apr-94	.pdf and inst. info.	Yes
Command Interpreter Access and Variables Programmer's Guide	32650-90011	32650-90493	Apr-94	.pdf and inst. info.	Yes
Compiler Library/XL Reference Manual	32650-60014	32650-90029	Oct-88	Hardcopy	Yes
Data Dictionary Managing Information Network Primer	5958-8527	5958-8527	Nov-86	Hardcopy	No
Data Types Conversion Programmer's Guide	32650-60010	32650-90015	Oct-89	.pdf and inst. info.	Yes
DBchange Plus Technical Addendum for MPE/iX Release 4.0	36386-90005	36386-90005	Jun-92	.pdf CD	Yes
DBchange Plus User's Guide	36386-90001	36386-90003	Feb-91	.pdf CD	Yes
DCE for the HP 3000	B3821-90001	B3821-90002	Oct-95	Hardcopy	Yes
Dictionary/3000 Reference Manual	32244-90001	32244-90001	Dec-87	Hardcopy	Yes
Dictionary/3000 Documentation Update Notice	32244-90013	32244-90013	Oct-96	Hardcopy	No
EDIT/3000 Reference Manual	03000-90012	32650-90385	Aug-80	.pdf and inst. info.	Yes
Getting Started as an MPE/iX Programmer	32650-90008	32650-90421	Jun-92	.pdf and inst. info.	Yes
Getting Started with HP IMAGE/SQL	36385-90008	36385-90011	Dec-94	.pdf and inst. info.	Yes
Getting Started with HP Software Revision Controller (SRC)	30234-60002	30234-90002	Nov-88	Hardcopy	No
Getting Started with TRANSACT	32247-60002	32247-90007	Jul-88	Hardcopy	Yes
High Level Screen Management Intrinsic Library Reference Manual	32424-60001	32424-90002	Nov-87	Hardcopy	Yes
HP 3000 Basic for Beginners	03000-90025	03000-90025	Nov-72	Hardcopy	No
HP ALLBASE Query User Guide Kit	32426-64001	32426-64001	Oct-89	Hardcopy	No
HP ALLBASE/4GL Developer Administration Manual	30601-90201	30601-90205	May-92	.pdf CD	Yes
HP ALLBASE/4GL Developer Quick Reference Guide	30601-90210	30601-90211	May-92	.pdf CD	Yes
HP ALLBASE/4GL Developer Reference Manual Vol 1	30601-90202	30601-90206	May-92	.pdf CD	Yes
HP ALLBASE/4GL Developer Reference Manual Vol 2	30601-90204	30601-90208	May-92	.pdf CD	Yes
HP ALLBASE/4GL Installation Manual	30601-64212	30601-64213	May-92	Hardcopy	No
HP ALLBASE/4GL Developer Self-Paced Training Guide	30601-90203	30601-90207	May-92	.pdf CD	Yes
HP ALLBASE/4GL Software Update Notice B.06 Release	5961-7797	5063-3725	Feb-93	Hardcopy	Yes
HP ALLBASE/BRW Reference Manual	35360-90051	35360-90052	Jan-92	.pdf CD	Yes
HP ALLBASE/BRW SW Update Notice for MPE/iX (BRW A.01.50)	35360-90204	35360-90203	Apr-94	.pdf CD	Yes
HP ALLBASE/BRW Tutorial	35360-90201	35360-90202	May-92	.pdf CD	Yes
HP Browse/XL User's Guide	36384-90001	36384-90001	Oct-90	Hardcopy	Yes
HP Business BASIC Programmer's Guide	32115-90003	32115-90003	Jul-87	Hardcopy	Yes
HP Business BASIC Quick Reference Guide	32115-90002	32115-90002	Jul-85	Hardcopy	No
HP Business BASIC Reference Manual	32115-90001	32115-90001	Jul-87	Hardcopy	Yes
HP Business BASIC/XL Migration Guide	32715-60002	32715-90003	Oct-89	Hardcopy	Yes
HP Business BASIC/XL Reference Manual	32715-60001	32715-90001	Oct-89	Hardcopy	Yes
HP C Programmer's Guide	92434-90002	92434-90009	Jul-96	.pdf CD	Yes
HP C/iX Library Reference Manual	30026-90001	30026-90004	Oct-92	.pdf CD	Yes
HP C/iX Reference Manual	31506-90005	31506-90011	Jun-92	.pdf CD	Yes
HP COBOL II/V Reference Manual	32233-90001	32233-90001	May-89	Hardcopy	No
HP COBOL II/XL Migration Guide	31502-60011	31500-90004	Oct-88	Hardcopy	Yes
HP COBOL II/XL Programmer's Guide	31500-90002	31500-90014	Jul-91	.pdf CD	Yes

## Chapter 5 How to Configure Software, MPE/iX and Learning Products



Manual Title	Order Part Number	Manufacturing Part Number	Latest Edition	How Available	View on the Web*
HP COBOL II/XL Quick Reference Guide	31500-90003	31500-90015	Jul-91	Hardcopy	Yes
HP COBOL II/XL Reference Manual	31500-90001	31500-90013	Jul-91	.pdf CD	Yes
HP Data Entry and Forms Mgmt System (VPLUS) Reference Manual	32209-90024	32209-90024	Mar-00	.pdf and inst. info.	Yes
HP EDIT Quick Reference Guide	30316-90005	30316-90017	Dec-90	.pdf CD	No
HP EDIT Reference Manual	30316-90001	30316-90016	Dec-90	.pdf CD	Yes
HP FORTRAN 77/iX Migration Guide	31501-90004	31501-90023	Jun-92	.pdf CD	Yes
HP FORTRAN 77/iX Programmer's Guide	31501-90011	31501-90022	Jun-92	.pdf CD	Yes
HP FORTRAN 77/iX Reference Manual	31501-90010	31501-90021	Jun-92	.pdf CD	Yes
HP GlancePlus User's Manual (for MPE/iX Systems)	B1787-90001	B1787-90008	Apr-92	Hardcopy	Yes
HP IMAGE/SQL Administration Guide	36385-90001	36385-90012	Aug-97	.pdf and inst. info.	Yes
HP Link Editor/iX Reference Manual	32650-90030	32650-90309	Dec-90	.pdf CD	Yes
HP Link Editor/iX Technical Addendum	32650-09476	32650-90845	Oct-95	.pdf CD	Yes
HP Pascal/iX Migration Guide	31502-60011	31502-90004	Nov-87	Hardcopy	Yes
HP Pascal/iX Programmer's Guide	31502-90002	31502-90023	Jun-92	Hardcopy	Yes
HP Pascal/iX Reference Manual	31502-90001	31502-90022	Jun-92	Hardcopy	Yes
HP Performance Collection Software User's Manual	50700-90022	50700-90038	Apr-92	.pdf CD	No
HP RPG/iX Pocket Guide	30318-90002	30318-90002	Oct-89	Hardcopy	No
HP RPG/iX Programmer's Guide	30318-60001	30318-90001	Jul-89	Hardcopy	Yes
HP RPG/iX Reference Manual	30318-60002	30318-90011	Dec-93	.pdf CD	Yes
HP RPG/iX Reference Manual Software Update Notice	30318-90016	30318-90017	Mar-95	.pdf CD	Yes
HP RPG/iX Utilities Reference Manual	30318-60003	30318-90006	Oct-89	Hardcopy	Yes
HP Search/XL User's Guide	36383-90001	36383-90001	Oct-90	Hardcopy	Yes
HP Software Revision Controller (SRC) Implementation Guide	30234-60002	30234-90003	Nov-88	Hardcopy	No
HP Software Revision Controller (SRC) Quick Reference Card	30234-60002	30234-90005	Nov-88	Hardcopy	No
HP Software Revision Controller (SRC) User's Guide	30234-60002	30234-90001	Nov-88	Hardcopy	No
HP Software Revision Controller/XL Product Information Update	30234-60002	30234-90006	Nov-88	Hardcopy	No
HP Symbolic Debugger/iX User's Guide	31508-90003	31508-90014	Jun-92	.pdf CD	Yes
HP System Dictionary/XL COBOL Definition Extractor	32257-90001	32257-90001	Dec-87	Hardcopy	Yes
HP System Dictionary/XL General Reference Manual Vol 1	32256-90004	32256-90004	May-88	Hardcopy	Yes
HP System Dictionary/XL General Reference Manual Vol 2	32256-90005	32256-90005	May-88	Hardcopy	Yes
HP System Dictionary/XL Intrinsic Reference Manual	32256-90002	32256-90002	May-88	Hardcopy	Yes
HP System Dictionary/XL SDMAIN Reference Manual	32256-90001	32256-90001	May-88	Hardcopy	Yes
HP System Dictionary/XL Self-Paced Customer Training	32254-91001	32254-91001	Aug-87	Hardcopy	No
HP System Dictionary/XL Utilities Reference Manual	32256-90003	32256-90003	May-88	Hardcopy	Yes
HP Toolset/XL Reference Manual	36044-60001	36044-90001	Jan-84	Hardcopy	Yes
HP TRANSACT Documentation Update Notice	32247-90028	32247-90028	Oct-96	.pdf CD	Yes
HP TRANSACT Quick Reference Guide	32247-90020	32247-90027	Oct-96	.pdf CD	Yes
HP TRANSACT Reference Manual	32247-60003	32247-90026	Apr-94	.pdf CD	Yes
INFORM/V User's Guide	32246-60002	32246-60002	Mar-88	Hardcopy	Yes
Introduction to MPE/XL for MPE V Programmers	30367-90005	30367-90005	Oct-89	Hardcopy	Yes
Introduction to MPE/XL for MPE V System Administrators	30367-90003	30367-90017	Dec-90	Hardcopy	Yes
IPC Communications Programmer's Guide	32650-90019	32650-90019	Nov-87	.pdf and inst. info.	Yes
ISQL Reference Manual for ALLBASE/SQL and IMAGE/SQL	36216-90096	36216-90095	Apr-94	.pdf and inst. info.	Yes
KSAM/3000 Reference Manual	30000-90079	32650-90386	Jun-92	.pdf and inst. info.	Yes
Learning HP EDIT	30316-90002	30316-90015	Dec-90	.pdf CD	Yes
Message Catalogs Programmer's Guide	32650-90021	32650-90021	Mar-90	.pdf and inst. info.	Yes
Migration Process Guide	30367-90007	30367-90019	Jun-92	.pdf CD	Yes
MPE Segmenter Reference Manual	30000-90011	30000-90011	Aug-86	.pdf CD	Yes
MPE V to MPE XL: Getting Started Mentor's Guide	30367-90004	30367-90004	Oct-89	.pdf CD	Yes
MPE V to MPE XL: Getting Started Self-Paced Training	30367-90002	30367-90002	Oct-89	.pdf CD	Yes
MPE/iX AIF: OS Reference Manual	36374-90001	36374-90013	Dec-94	.pdf and inst. info.	Yes
MPE/iX Developer's Kit Reference Manual Vol 1	36430-90001	36430-90007	Apr-94	.pdf and inst. info.	Yes
MPE/iX Developer's Kit Reference Manual Vol 2	36430-90002	36430-90008	Apr-94	.pdf and inst. info.	Yes



Manual Title	Order Part Number	Manufacturing Part Number	Latest Edition	How Available	View on the Web*
MPE/iX Intrinsic Reference Manual	32650-90028	32650-90875	Mar-00	.pdf and inst. info.	Yes
MPE/iX Shell and Utilities Reference Manual Vol 1	36431-90001	36431-90007	Apr-94	.pdf CD	.pdf
MPE/iX Shell and Utilities Reference Manual Vol 2	36431-90003	36431-90008	Apr-94	.pdf CD	.pdf
MPE/iX Shell and Utilities User's Guide	36431-90002	36431-90006	Apr-94	Hardcopy	No
Native Language Programmer's Guide	32650-90022	32650-90207	Sep-91	.pdf and inst. info.	Yes
ODBCLink/SE Reference Manual	36217-90406	36217-90409	Aug-99	.pdf CD	Yes
Process Management Programmer's Guide	32650-90023	32650-90023	Nov-87	.pdf and inst. info.	Yes
QUERY Reference Manual for MPE/iX	32650-90889	32650-90889	Mar-00	.pdf and inst. info.	Yes
Resource Management Programmer's Guide	32650-90024	32650-90024	Nov-87	.pdf and inst. info.	Yes
RPG/V Reference Manual	32104-90001	32104-90001	Sep-89	Hardcopy	No
SPL to HP C/XL Migration Guide	30231-60001	30231-90001	Oct-89	Hardcopy	Yes
Switch Programming Guide	32650-60030	32650-90014	Nov-87	.pdf CD	Yes
System Debug Reference Manual	32650-90888	32650-90888	Mar-00	.pdf and inst. info.	Yes
The POSIX.1 Standard: A Programmer's Guide ISBN-0-8053-9605-5		36430-90006	Apr-94	Hardcopy	No
Trap Handling Programmer's Guide	32650-90026	32650-90026	Mar-90	.pdf CD	Yes
TurboIMAGE/XL Database Management System Reference Manual	30391-90001	30391-90011	Mar-00	.pdf and inst. info.	Yes
Up and Running with ALLBASE/SQL	36389-90011	36389-90016	Jun-92	.pdf and inst. info.	Yes
User Logging Programmer's Guide	32650-90027	32650-90027	Jul-88	.pdf and inst. info.	Yes
Using KSAM/XL	32650-90168	32650-90886	Mar-00	.pdf and inst. info.	Yes
Using VPLUS/IV: An Introduction to Forms Design	32209-90004	32209-90004	Aug-86	Hardcopy	Yes
<b>High Availability</b>					
AutoRestart/XL User's Guide	36375-90001	36375-90004	Oct-92	.pdf and inst. info.	Yes
High Availability Cluster/iX User's Manual	B9480-90003	B9480-90003	Aug-02	.pdf and inst. info.	Yes
Installation/Upgrade Procedures for SharePlex	B3933-90005	B3933-90005	Jun-97	.pdf CD	.pdf
Legato NetWorker Client Pak for MPE/iX Installation Guide	B5475-90001	B5475-90001	Dec-97	.pdf CD	.pdf
Legato NetWorker Client Pak for MPE/iX Release 5.0 Supplement	B5475-90005	B5475-90005	Feb-98	.pdf CD	.pdf
Legato NetWorker Client Pak for MPE/iX Users Guide	B5475-90002	B5475-90002	Dec-97	.pdf CD	.pdf
Legato NetWorker Client Pak and Storage Node for MPE/iX Installation Guide	B6266-90006	B6266-90006	Aug-99	.pdf CD	.pdf
Legato NetWorker Client Pak and Storage Node for MPE/iX Users Guide	B6266-90005	B6266-90005	Aug-99	.pdf CD	.pdf
Legato NetWorker Client Pak and Storage Node for MPE/iX Release 5.5 Supplement	B6266-90004	B6266-90004	Dec-98	.pdf CD	.pdf
Mirrored Disk/iX User's Guide	30349-90003	30349-90005	Jun-92	.pdf and inst. info.	Yes
NBSpool for MPE Reference Guide	B3933-90002	B3933-90002	Jun-97	.pdf CD	.pdf
NBSpool Release Notes Version 9.7	B3933-90008	B3933-90008	Jun-97	.pdf CD	.pdf
NetBase for MPE Reference Guide	B3933-90001	B3933-90001	Jun-97	.pdf CD	.pdf
NetBase Release Notes Version 9.7	B3933-90007	B3933-90007	Jun-97	.pdf CD	.pdf
NetBase SQL Shadowing Handbook	B3482-90006	B3482-90006	Jun-97	.pdf CD	.pdf
VISTA Plus for MPE Administrators Guide	B3933-90004	B3933-90004	Jun-97	.pdf CD	.pdf
VISTA Plus for MPE User's Guide	B3933-90003	B3933-90003	Jun-97	.pdf CD	.pdf
VISTA Release Notes Version A.07	B3933-90006	B3933-90006	Jun-97	.pdf CD	.pdf
<b>System Hardware and Diagnostics</b>					
System Debug Reference Manual	32650-90901	32650-90901	Feb-01	.pdf CD and inst. info.	Yes
CPU Upgrade Manual (9x9KS)		A2375-90012	Jan-98	.pdf CD	.pdf
Expansion Cabinet Installation Guide (99x/Family)		A1809-90006	May-97	.pdf CD	.pdf
Firmware Update Guide (99x/Family)		A1820-90002	May-97	.pdf CD	.pdf
Firmware Update Quick Reference (99x/T-Class)		A1820-90003	May-97	.pdf CD	.pdf
HP 3000 9x9KS Site Preparation and Requirements Guide		A2375-90073	Nov-96	.pdf CD	.pdf
HP 3000 and HP 9000 PA-RISC Computer System Support Log	09740-90013	09740-96033	Feb-96	.pdf CD	.pdf
HP 3000 CS 99x/890/T500 Families Operator's Guide	A1809-90009	A1809-96019	Apr-97	.pdf CD	No

## Chapter 5 How to Configure Software, MPE/iX and Learning Products



Manual Title	Order Part Number	Manufacturing Part Number	Latest Edition	How Available	View on the Web*
HP 3000 Series 9x8LX/RX Computer Systems Inst. and Configuration Guide	A2051-90006	A2051-96006	Oct-93	.pdf CD	No
HP 3000/9x9KS Installation Guide				.pdf CD	.pdf
HP PA-RISC Computer Systems Integrated Cabinet Installation Guide (9x9KS)		A2375-90007	Jan-98	.pdf CD	.pdf
HP PA-RISC Computer Systems System Upgrade Guide (9x9KS)		A2375-90010	Feb-97	.pdf CD	.pdf
I/O Upgrade Manual (9x9KS)		A2375-90027	Jan-98	.pdf CD	.pdf
Installation Guide (99x Family)		A1809-90001	Oct-97	.pdf CD	.pdf
Internal Peripherals Update Guide (9x9KS)		A2375-90008	Jan-98	.pdf CD	.pdf
Operator's Guide (99x Family)		A1809-90009	Jun-97	.pdf CD	.pdf
Site Preparation and Requirements Guide (99x Family)		A1809-90002	May-97	.pdf CD	.pdf
System Memory Upgrade Guide (9x9KS)		A2375-90009	Jan-98	.pdf CD	.pdf
System Upgrade Installation Guide (CS 99x Family) (990/992 to 996)		A3310-90002	May-97	.pdf CD	.pdf
System Upgrade Installation Guide (CS 99x Family) (991/995 to 996)		A3310-90001	May-97	.pdf CD	.pdf
APPC Subsystem on MPE/XL Node Manager's Guide	30294-61002	30294-90007	Jun-92	.pdf and inst. info.	Yes
Configuring and Managing Host-Based X.25 Links	36939-61004	36939-90059	Oct-98	.pdf and inst. info.	Yes
HP ARPA File Transfer Protocol User's Guide	36957-90159	36957-90159	Mar-00	.pdf and inst. info.	Yes
HP SNA Products Remote System Configuration Guide	J2220-61025	30292-90008	Mar-95	.pdf and inst. info.	Yes
HP SNMP/XL User's Guide	36922-61029	36922-90036	Mar-94	.pdf and inst. info.	Yes
HP Telnet/iX User's Guide	36957-90154	36957-90156	Oct-98	.pdf and inst. info.	Yes
HP-PB 100Base-T Network Adapter Installation and Service Guide	B5427-90001	B5427-90001	Aug-97	.pdf and inst. info.	Yes
HP-PB 100VG-AnyLAN Network Adapter Installation and Service Guide	B5426-90001	B5426-90001	Aug-97	.pdf and inst. info.	Yes
LU 6.2 API Application Programmer's Reference Guide	30294-61000	30294-90008	Jun-92	.pdf and inst. info.	Yes
Managing Host-Based X.25 Links Quick Reference Card	36939-61003	36939-90051	Dec-94	.pdf and inst. info.	Yes
NetIPC 3000/XL Programmer's Reference Manual	36920-61005	5958-8600	Oct-89	.pdf and inst. info.	Yes
NS Cross-System NFT Reference Manual	36920-61003	5960-1634	Jan-89	Hardcopy	No
NS3000/iX Error Messages Reference Manual	36923-61000	36923-90041	Oct-98	.pdf and inst. info.	Yes
NS3000/iX NMMGR Screens Reference Manual	36922-61003	36922-90038	Oct-98	.pdf and inst. info.	Yes
SNA IMF Programmer's Reference Manual	30293-61005	30293-90009	Jun-92	.pdf and inst. info.	Yes
SNA IMF/XL Node Manager's Guide	30293-61000	30293-90010	Jun-92	.pdf and inst. info.	Yes
SNA Link/iX Node Manager's Guide	30291-90000	30291-90009	Mar-94	.pdf and inst. info.	Yes
SNA NRJE Node Manager's Guide	30292-61000	30292-90007	Oct-92	.pdf and inst. info.	Yes
SNA NRJE User/Programmer Reference Manual	30292-61001	30292-90006	Oct-92	.pdf and inst. info.	Yes
Using NS3000/iX Network Services	36920-61000	36920-90008	May-94	.pdf and inst. info.	Yes
Using SNA IMF Pass Thru	30293-61008	30293-90006	Dec-90	.pdf and inst. info.	Yes
<b>Network and System Management</b>					
NS3000/iX NMMGR Screens Reference Manual	36922-90040	36922-90040	Feb-01	.pdf CD and inst. info.	Yes
HP 3000/iX Network Planning and Configuration Guide	36922-90041	36922-90041	Feb-01	.pdf CD and inst. info.	Yes
8-Port Serial PCI ACC Multiplexer Installation and Users Guide	30291-90508	30291-90508	Feb-01	.pdf CD and inst. info.	Yes
PCI 10/100 Base-T Network Adapter Installation and Service Guide	36217-90410	36217-90410	Feb-01	.pdf CD and inst. info.	Yes
Configuring and Managing MPE/iX Internet Services	32650-90906	32650-90906	Aug-02	.pdf and inst. info.	Yes
Configuring Systems for Terminals, Printers, and Other Serial Devices	32022-61000	32022-90051	Oct-98	.pdf and inst. info.	Yes
Customizing Terminal and Printer Type Files with the Workstation Configurator	5959-2870	32022-90031	Feb-94	.pdf and inst. info.	Yes
HP e3000 Fibre Channel Mass Storage Adapters Service and User Manual	32650-90910	32650-90910	Au-02	pdf and inst. info.	Yes
HP 3000/iX Network Planning and Configuration Guide	36922-61023	36922-90037	Oct-98	.pdf and inst. info.	Yes
HP Security Monitor/iX Manager's Guide	32650-90455	32650-90498	Apr-94	.pdf and inst. info.	Yes
HP Security Monitor/iX User's Guide	32650-90454	32650-90497	Apr-94	.pdf and inst. info.	Yes



Manual Title	Order Part Number	Manufacturing Part Number	Latest Edition	How Available	View on the Web*
HP OpenView Console Manager's Guide	B3118-90002	B3118-90012	Aug-92	.pdf and inst. info.	Yes
HP OpenView Console User's Guide	B3118-90001	B3118-90011	Aug-92	.pdf and inst. info.	Yes
Installing and Managing HP ARPA File Transfer Protocol Network Manager's Guide	36957-61001	36957-90157	Oct-98	.pdf and inst. info.	Yes
Manager's Guide to MPE/iX Security	32650-90474	32650-90473	Apr-94	.pdf and inst. info.	Yes
Managing Spooler Operations Quick Reference Pocket Card	32650-90268	32650-90488	Apr-94	Hardcopy	No
MPE/iX HP 3000 Series 99x Software Startup Manual	36123-90046	36123-90046	Apr-94	.pdf CD	No
Native Mode Spooler Reference Manual	32650-90166	32650-90867	Oct-98	.pdf and inst. info.	Yes
New Features of MPE/iX: Using the Hierarchical File System	32650-90351	32650-90492	Apr-94	.pdf and inst. info.	Yes
NS3000/iX Operations and Maintenance Reference Manual	36922-61005	36922-90039	Oct-98	.pdf and inst. info.	Yes
OpenView DTC Technical Reference Manual	5961-9820	5961-9882	Oct-94	Hardcopy	No
Performing System Management Tasks	32650-90004	32650-90854	Jul-96	.pdf and inst. info.	Yes
Performing System Operation Tasks	32650-90137	32650-90484	Apr-94	.pdf and inst. info.	Yes
STORE and TurboSTORE/iX Products Manual	B5151-90003	B5151-90003	Mar-00	.pdf and inst. info.	Yes
System Startup, Configuration, and Shutdown Reference Manual	32650-90907	32650-90907	Aug-02	.pdf and inst. info.	Yes
Troubleshooting Terminal, Printer and other Serial Devices	32022-61002	32022-90030	Oct-93	.pdf and inst. info.	Yes
User's Guide to MPE/iX Security	32650-90472	32650-90471	Apr-94	.pdf and inst. info.	Yes
Using HP OpenView DTC Manager	D2355-90001	D2355-95018	Jan-93	Hardcopy	No
Using the HP 3000 Workload Manager	B3879-90001	B3879-90002	Dec-94	.pdf and inst. info.	Yes
Using the Node Management Services (NMS)Utilities	32022-61005	32022-90053	Oct-98	.pdf and inst. info.	Yes
Volume Management Reference Manual	32650-90045	32650-90491	Apr-94	.pdf and inst. info.	Yes

