8

Software Media and FOS Learning Products

MPE/iX Media Products

One MPE media product (51453A) **MUST** be ordered with each system listed below. Order one option from Group A, one option from Group B, one option from Group C, and one option from Group D.

Media (51453A) Options

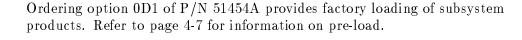|	9x7LX	937, 947	957, 967, 977, 987	980/100, 980/200, 980/300, 980/400
Group A - FOS/Database				
Preconfigured System	812	810	811	811
ALLBASE/SQL only	802	800	801	801
TurboIMAGE only	912	910	911	911
MPE/iX only	902	900	901	901
Group B - MPE Release				
Latest release	200	200	200	200
Minimum supported release	231	231	231	240
Group C - Media Type				
DDS Cassette	AAH for all 900 Series systems			
1600 bpi	AA1 for all 900 Series systems			
6250 bpi	AA2 for all 900 Series systems			
Group D - Localized Learning Products				
English Manuals	ABA for all 900 Series systems			
German Manuals	ABD for all 900 Series systems			
Supplied Manual Sets*	9x7LX Core	System Management Core	System Management Core and Core Plus	System Management Core and Core Plus
* Please see MPE/iX Learning Products later in this chapter for contents of these manual sets.				

Note Ordering option 0D1 of P/N 51453A provides factory loading of subsystem products for Series 9x7LX and 9x7 systems.

One MPE media product (51454A) **MUST** be ordered with each Corporate Business System. Order one option from Group A, one option from Group B, one option from Group C, and one option from Group D.

Media (51454A) Options

	Corporate Business System	Corporate Business System DX
Group A - FOS/Database		
Preconfigured System	Default	Default
ALLBASE/SQL only	910	910
TurboIMAGE only	915	915
MPE/iX only	920	920
Group B - MPE Release		
Latest release	200	200
Minimum supported release	240	240
Group C - Media Type		
DDS Cassette	AAH	AAH
1600 bpi	AA1	AA1
6250 bpi	AA2	AA2
Group D - Localized Learning Products		
English Manuals	ABA	ABA
German Manuals	ABD	ABD
Group E - Software Bundles		
Delete system software bundle	N/A	931
Delete performance software bundle	N/A	932
Basic system - no additional software	933 (must order)	N/A
Supplied Manual Sets*	System Management Core and Core Plus	System Management Core and Core Plus
Please see MPE/iX Learning Products later in this chapter for contents of these manual sets.		

Note

Ordering option 0D1 of P/N 51454A provides factory loading of subsystem products. Refer to page 4-7 for information on pre-load.

Media Option	MPE/iX Release
200	Latest Release
220	Release 2.2
230	Release 3.0
231	Release 3.1 for 9x7LX and 9x7 systems only
240	Release 4.0

For preconfigured Series 9x7LX, 9x7, and Corporate Business Systems, the operating system will be installed at the factory and the software support tape and license will ship with the system.

One or more of the 900 Series preconfigured systems' database management systems may be deleted by specifying one of the following preconfigured system options.

- Option 910: ALLBASE/SQL only (deletes TurboIMAGE).
- Option 915: TurboIMAGE only (deletes ALLBASE/SQL)
- Option 920: MPE/iX only (deletes ALLBASE/SQL and TurboIMAGE).
- Option 930: SPU hardware only (deletes ALLBASE/SQL, TurboIMAGE, and FOS). The FOS software product (3265xA) must be ordered separately when ordering option 930. **ICON only**

Ordering FOS Separately

When ordering system option 930 (SPU hardware only), FOS licenses must be ordered separately.

- When system option 930 is specified, order FOS license product 32651A to receive MPE/iX only **or** order FOS license product 32652A to receive MPE/iX, ALLBASE/SQL, and TurboIMAGE. Ordering FOS product 32651A creates an **MPE/iX only system**. Ordering FOS product 32652A creates a **preconfigured system**. The appropriate 51453A MPE media product and options must also be ordered whenever ordering the FOS product.

Ordering MPE/iX Server Separately

When ordering the server option 100 on the HP 3000 system product (except for the Series 980 and CS DX and CS systems), both 51453A MPE FOS Media and 36396A MPE Server Media products must be ordered.

Ordering Add-On Terminal Support

When upgrading an HP 3000 Server System purchased with option 100 to provide terminal support, A1153A Add-on Terminal Support Servers must be ordered to add terminal support.

Product/Option Number	Description
A1153A	Add-on Terminal Support for Servers - includes a class/concurrent license to use MPE/iX on specific 900 Series
opt. 821	Upgrades Server 917LX
opt. 822	Upgrades Server 927LX
opt. 839	Upgrades Series 920, 922LX, 937LX, 937
opt. 814	Upgrades Server 922RX
opt. 842	Upgrades Server 922, 925, 932
opt. 852	Upgrades Server 935, 947, 948
opt. 853	Upgrades Server 949, 957LX, 957
opt. 864	Upgrades Server 967LX, 967, 977, 987

MPE Media Software Products (3265XA)

	Description
Product #	
32651A	Fundamental Operating System (FOS). Includes a class/concurrent license to use MPE/iX operating system, VPLUS, KSAM, tools, utilities, and English manual set.
32652A (ICON Only)	Preconfigured system software. Includes a class/concurrent license to use MPE/iX operating system, TurboIMAGE, ALLBASE/SQL, VPLUS, KSAM, tools, utilities, and English manual set.
32653A	System Software Upgrade for SQL-only system configurations. It adds a class/concurrent license to use TurboIMAGE/iX database software to these systems.
Option #	
416	For use on Series 917LX by one to eight users
426	For use on Series 927LX by one to 20 users
436	For use on Series 937LX by one to 32 users
437	For use on Series 937 by one to 32 users
446	For use on Series 947LX by one to 100 users
447	For use on Series 947 by one to 100 users
456	For use on Series 957LX by one to 64 users
457	For use on Series 957 by one to 64 users
466	For use on Series 967LX by one to 100 users
467	For use on Series 967 by one to 100 users
477	For use on Series 977 by one to 100 users
487	For use on Series 987 by one to 100 users
480	For use on Series 980/100 by unlimited users
482	For use on Series 980/200 by unlimited users
483	For use on Series 980/300 by unlimited users
484	For use on Series 980/400 by unlimited users
490	For use on CS 990 and 992/100 by one to 160 users
492	For use on CS 992/200, 992/300, 992/400 by unlimited users

MPE/iX Learning Products

The table below outlines which manual sets are shipped with each 900 Series system. Additional sets may be ordered by using the corresponding product number in the table below:

Manual Set (order number)	9x7LX	937, 947	957, 967, 977, 987, 980, CS
Series 9x7LX System Management Core (A1707-92001)	X		
System Management Core (36367A)		X	X
System Management Core Plus (36368A)			X

Series 9x7LX System Management Core

These two sets of learning products allow for efficient operation of Series 9x7LX systems. These sets are shipped automatically with 917LX, 927LX, 937LX, 947LX, 957LX, and 967LX systems. This is the only system documentation shipped with 9x7LX systems. The set consists of the following learning products:

Learning Product	Order Number
Series 9x7LX Video Introduction Kit	B2640A
Series 9x7LX System Documentation	A1707-92001
- Setting Up and Maintaining Your System	A1707-90001
- Concepts Guide	A1707-90003
- Using Your System	A1707-92002
- HP EasyTime/iX Quick Reference Pocket Card	B1940-90001
- MPE/iX Day-to-Day Tasks Pocket Card	Not available separately
- Preparing Additional Software Products for Use on the HP 3000 Series 9x7LX	36123-90014
- HP 3000 and HP 9000 PA-RISC Customer Computer Support Log	A1703-90012

Individual learning products can be ordered by using the corresponding order number provided in the table above.

Series 9x7 System Documentation

The System Management Core manual set (36367A) ships automatically with all HP 3000 Series 9x7 systems. Additionally, the System Management Core Plus manual set (36368A) ships automatically with all HP 3000 Series 957, 967, 977, and 987 systems. The following manuals are specific to the HP 3000 Series 9x7 systems. Individual manuals may be purchased by using the corresponding order provided in the table below:

Learning Product	Order Number
HP 3000 and HP 9000 PA-RISC Customer Computer Support Log	A1703-90012
HP 3000 Series 9x7 Family Computer Systems/Operator Handbook	A1707-96010
MPE/iX HP 3000 Series 9x7 Software Startup Manual	36123-90015

Series 980 System Documentation

Series 980 systems will automatically ship with the following manual sets:

Learning Product	Order Number
System Management Core	36367A
System Management Core Plus	36368A

Corporate Business Systems - System Management Core

CS customers will receive the System Management Core (36367A) and System Management Core Plus (36368A) sets. Special application, availability, and performance software documentation sets will be shipped if these products are purchased.

Learning Product	Order Number
System Management Core	36367A
System Management Core Plus	36368A
System Dictionary Set	36371A
ALLBASE Manual Set	36372A
Availability Software Set	B2496A
Performance Software Set	B2493A

System Management Core 36367A

These learning products aid users in efficient operation of an MPE/iX system. This set ships with systems listed on page 8-4. Additional sets can be ordered separately by using product number 36367A. Individual learning products (except where marked with an asterisk) can be ordered by using the corresponding order number provided in the table below:

Learning Product	Order Number
MPE/iX Commands Reference Manual (Volumes 1 and 2)	32650-60115
MPE/iX Documentation Guide	32650-90144
MPE/iX Quick Reference Guide	32650-90032
Performing System Operations Tasks	32650-90137
Performing System Management Tasks	32650-90004
MPE/iX Error Messages Manuals (Volumes 1, 2, and 3)	32650-60016
EDIT/3000 Reference Manual	03000-90012
TurboIMAGE/iX Database Management System Reference Manual	30391-90001
QUERY/V Reference Manual	30000-90042
KSAM/3000 Reference Manual	30000-90079
Using KSAM/XL	32650-90168
Native Mode Spooler Reference Manual	32650-90166
Up and Running with HP ALLBASE/SQL	36389-90011
Configuring Systems for Terminals, Printers, and Other Serial Devices	32022-61000

System Management Core Plus 36368A

This set provides additional detail for the management of complex MIS centers and large networks, as well as more advanced system management and administration tasks. This set ships automatically with the 900 Series systems listed in the table on page 8-4. Additional sets can be ordered separately by using product number 36368A. Individual learning products can be ordered by using the corresponding part number provided in the table below.

Learning Product	Order Number
MPE/iX Glossary of Terms and Acronyms	32650-90146
FCOPY Reference Manual	32212-90003
SORT-MERGE/XL General User's Guide	32650-90082
MPE/iX System Utilities Reference Manual	32650-90081
System Startup, Configuration, and Shutdown Reference Manual	32650-90042
Controlling System Activity	32650-90155
Volume Management Reference Manual	32650-90045
Using the Node Management Services (NMS) Utilities	32022-61005
Troubleshooting Terminal, Printer, and Serial Device Connections	32022-61002
Customizing Terminal and Printer Type Files, Using Workstation Configurations	5959-2870

Programming Core 36369A

This set is designed for basic programming environments. It describes the mechanics of compiling and linking as well as other MPE/iX programming techniques. This set does not ship with any system unless ordered separately by the customer. Use product number 36369A to order this set. Individual learning products can be ordered by using the corresponding order numbers provided in the table below.

Learning Product	Order Number
Getting Started as an MPE/iX Programmer	32650-90008
HP Compiler Library/XL Reference Manual	32650-90029
HP Link Editor/XL Reference Manual	32650-90030
MPE Segmenter Reference Manual	32650-60026
Berkeley Sockets/iX Reference Manual	32650-90363

Programming Core Plus 36370A

This is a general reference set for larger, more advanced programming environments. This set does not ship with any system unless specified. It must be ordered separately by the customer. Use product number 36370A to order this set. Individual learning products can be ordered by using the corresponding order numbers provided in the table below.

Learning Product	Order Number
Accessing Files, Trap Handling, and Data Types Conversion	32650-60010
Process Management, Resource Management, and Interprocess Communication Programmer's Guide	32650-60011
Native Language, Message Catalogs, and User Logging Kit	32650-60012
VPLUS/XL Reference Manual, Using VPLUS	32209-60002
Hi-Li/XL Reference Manual	32424-60001
MPE/iX Asynchronous Serial Communications Programmer's Reference Manual	32022-61001
MPE/iX Intrinsics Reference Manual	32650-90028
KSAM/3000 Reference Manual	30000-90079
Using KSAM XL	32650-90168
TurboIMAGE/XL Database Management System Reference Manual	30391-90001
QUERY/V Reference Manual	30000-90042
MPE/iX Error Message Manuals (Volumes 1, 2, and 3)	32650-60016
Getting System Information Programmer's Guide, Command Interpreter Access and Variables Programmer's Guide	32650-60021

ALLBASE Set 36372A

This set is designed for programmers who use ALLBASE, Hewlett-Packard's relational database management system. This set ships with CS systems only. For other systems, it must be ordered separately by the customer. Use product number 36372A to order this set. Individual learning products can be ordered by using the corresponding order numbers provided in the table below.

Learning Product	Order Number
ALLBASE/SQL Pascal Application Programming Guide	36216-60008
ALLBASE/SQL COBOL Application Programming Guide	36216-90006
ALLBASE/SQL C Application Programming Guide	36216-90023
ALLBASE/SQL FORTRAN Application Programming Guide	36216-90030
ALLBASE/SQL Reference Manual	36216-90001
ALLBASE/ISQL Reference Manual	36216-90004
ALLBASE/SQL Database Administration Guide	36216-90005
ALLBASE/SQL Message Manual	36216-90009
ALLBASE/SQL Quick Reference Guide	36216-90038
ALLBASE/SQL Release F.0 Application Programming Bulletin for MPE/iX	36216-90063
Up and Running with ALLBASE/SQL	36389-90011
ALLBASE/NET User's Guide	36216-90031

System Dictionary Set 36371A

This set is designed for programmers who use the HP System Dictionary/XL product. This set ships with CS systems only. For other systems, it must be ordered separately by the customer. Use product number 36371A to order this set. Individual learning products can be ordered by using the corresponding order numbers provided in the table below:

Learning Product	Order Number
Data Dictionary Managing Information Networks Primer	5958-8527
HP System Dictionary/XL Self-Paced Customer Training	32254-61000
HP System Dictionary/XL General Reference Manual Volume I	32256-61003
HP System Dictionary/XL General Reference Manual Volume II	32256-61004
HP System Dictionary/XL Intrinsics Reference Manual	32256-61001
HP System Dictionary/XL Utilities Reference Manual	32256-61002
HP System Dictionary/XL SDMAIN Reference Manual	32256-61000
HP System Dictionary/XL COBOL Definition Extractor Reference Manual	32257-61000

General Usage Set 36373A

This set provides additional basic information about the usage of MPE/iX systems. It is designed to help users speed through their learning curves with the system. This set does not ship with any system. It must be ordered separately by the customer. Use product number 36373A to order this set. Individual learning products can be ordered by using the corresponding order numbers provided in the table below.

Learning Product	Order Number
MPE/iX Quick Reference Guide	32650-90032
MPE/iX Commands Reference Manual (Volumes 1 and 2)	32650-60115
Using the 900 Series HP 3000: Fundamental Skills	31126A Opt. 001
Using the 900 Series HP 3000: Advanced Skills	31126A Opt. 002
Using the 900 Series HP 3000: Setup Tape (1600 bpi)	31126A Opt. 003
Using the 900 Series HP 3000: Setup Tape (DAT)	31126A Opt. 004

Migration Set 30231A

This set is designed to aid in the migration from MPE V systems to MPE/iX systems. This set does not ship with any system. It must be ordered separately by the customer. Use product number 30231A to order this set. Individual learning products can be ordered by using the corresponding order numbers provided in the table below.

Learning Product	Order Number
MPE V to MPE/XL: Getting Started (self-paced training)	30367-60002
MPE V to MPE/XL: Getting Started (self-paced training - mentor's guide)	30367-60002
Introduction to MPE/iX for MPE V System Administrators	30367-90003
MPE/XL Languages Migration Guides (PASCAL, FORTRAN, COBOL)	31502-60004
SPL to HP C/XL Migration Guide	30231-60001
Migration Process Guide	30367-90002
Switch Programming Guide	32650-60030
Introduction to MPE/XL for MPE V Programmers	30367-60004

Additional Learning Products

The following learning products are purchasable separately using the order numbers below.

Languages

Learning Product	Order Number
HP RPG/XL Programmer's Guide	30318-60001
HP RPG/XL Reference Manual	30318-60002
HP RPG/XL Utilities Reference Manual	30318-60003
HP RPG/XL Pocket Guide Card	30318-90002
HP Pascal/iX Reference Manual	31502-90001
HP Pascal/iX Programmer's Guide	31502-90002
HP COBOL II/XL Reference Manual	31500-90001
HP COBOL II/XL Programmer's Guide	31500-60002
HP COBOL II/XL Quick Reference Guide	31500-60003
HP COBOL II/XL Reference Manual Supplement	31500-90005
HP FORTRAN 77/XL Reference	31501-90010
HP FORTRAN 77/XL Programmer's	31501-90011
HP Symbolic Debugger/XL User's Guide	31508-60003
HP C/iX Library Reference Manual	30026-90001
HP C Programmer's Guide	31506-60002
HP C/iX Reference Manual	31506-90005
HP Business BASIC/XL Reference Manual	32715-60001
HP Business BASIC/XL Migration Guide	32715-60002

Data Communications

Data Communications

Learning Product	Order Number
Managing Host-Based X.25 Links Quick Reference Card	36939-61003
HP 3000/iX Network Planning and Configuration Guide	36922-61023
Configuring and Managing Host-Based X.25 Links	36939-61004
Netware for the HP 3000 System Administration MPE/iX 4.0 Supplement	32020-61015
NS3000/XL NMMGR Screens Reference Manual	36922-61003
NS3000/XL Operations and Maintenance Reference Manual	36922-61005
NS3000/XL Error Messages Reference Manual	36923-61000
Using NS3000/XL Network Services	36920-61000
NetIPC 3000/XL Programmer's Reference Manual	36920-61005
NS Cross-System NFT Reference Manual	36920-61003
HP SNMP/XL User's Guide	36922-61029
NS X.25 3000/V System Link Guide	24405-90002
HP SNA Server/Access User's Guide	30254-61000
HP SNA Link/XL Node Manager's Guide	30291-61000
HP SNA Products: AS/400 Guide	5960-1629
HP SNA NRJE User/Programmer's Reference Manual	30292-61001
HP SNA NRJE Node Manager's Guide	30292-61000
HP SNA IMF Programmer's Reference Manual	30293-61005
HP SNA IMF/XL Node Manager's Guide	30293-61000
HP SNA Products	30291-61005
SNA DHCF/XL User Support Guide	36935-61001
SNA DHCF/XL Node Manager's Guide	36935-61002
SNA DHCF/XL Application Programmer's Manual	36935-61003
SNA DHCF/XL Diagnostic Message Manual	36935-61004
APPC Subsystem on MPE/XL Node Manager's Guide	30294-61002
HP SNADS/XL HPDesk Gateway Adminstrator's Guide	32006-61001
HP SNADS/XL Node Manager's Guide	32006-61002
HP SNADS/XL SNA/XL Distribution Services	32006-61003
HP SNADS/XL HP Desk User Support Guide	32006-61004
HP OpenView System Manager User's Guide	36936-61001
HP OpenView System Manager Manager's Guide	36936-61002
Using HP OpenView DTC Manager	D2355-90001
Installing and Managing HP ARPA File Transfer Protocol Network Manager's Guide	36957-61001
HP ARPA File Transfer Protocol User's Guide	36957-61002

Data Communications (continued)

Learning Product	Order Number
Asian SNA/IMF/XL User Support Guide (Taiwanese)	30293-60211
Asian SNA/IMF/XL User Support Guide (Japanese)	30293-60221
Asian SNA/IMF/XL User Support Guide (Korean)	30293-60231
Using SNA IMF Pass Thru	30293-61008
SNA IMF Programmer's Reference Manual	30293-61005
LU6.2 API Application Programmer's Reference Manual	30294-61000
LU6.2 API/XL Node Manager's Guide	30294-61001
RJE User/Programmer Reference Manual	30295-61001
RJE/XL Node Manager's Guide	30295-61002
NS over SNA/XL Configuration Guide	30296-61000
HP FTAM/XL User's Guide	36972-61001
Installing, Configuring, and Starting OSI/XL Network Manager's Guide	36971-61001
OSI/XL Operations and Maintenance Reference Manual	36971-61002
Installing and Administering HP LAN Manager/XL	32015-61001
HP LAN Manager/XL Programmer's Reference Manual	32015-61003
HP X.400/HP Desk Node Administrator's Guide	32055-90001
Using HP Desk Manager Connected to X.400 User's Guide	32055-90002
Netware for the HP 3000 Installation	32020-61001
Netware for the HP 3000 system Administration	32020-61002
Netware for the HP 3000 User Basics for DOS Workstations	32020-61003
Netware for the HP 3000 Utilities Reference	32020-61004
Netware for the HP 3000 Concepts	32020-61005
Netware for the HP 3000 System Error Messages	32020-61006
Novell Installation and Maintenance, Netware for MacIntosh	32020-61010
Novell Basic Operations, Netware for MacIntosh	32020-62011
Novell Netware 286 External Bridges Supplement	32020-61012
Novell Netware Requestor for OS/2	32020-61013
Novell Netware Supplements	32020-61014
Netware for the HP 3000 system Administration MPE/iX Supplement	32020-61015

Programmer Productivity Tools

Learning Product	Order Number
HP Toolset/XL Reference Manual	36044-60001
INFORM/V User's Guide	32246-60002
REPORT/V Reference Manual	32245-60001
Getting Started With TRANSACT	32247-60002
HP TRANSACT Reference Manual	30138-60001
Virtuoso COBOL Sample Library Reference Manual	30426-60001
Virtuoso Code Generator Reference Manual	30422-60001
HP EDIT Reference Manual	30316-90001
Learning HP EDIT	30316-90002
HP EDIT Quick Reference Card	Not available separately
Getting Started with HP Software Revision Controller, Implementation Guide, User's Guide	30234-60002
HP Browse/XL User's Guide	36384-60001
HP Search/XL User's Guide	36383-60001

Other Learning Products Available

Learning Product	Order Number
Silhouette Reference Manual	30302-60003
ALLBASE/NET User's Guide	36216-90031
Dictionary/3000 Reference Manual	32244-61000
SORT-MERGE/XL Programmer's Guide	32650-60059
System Debug Reference Manual	32650-60017
AutoRestart/XL User's Guide	36375-60062
SPU Switchover/XL User's Guide	36378-90001
TurboSTORE/XL II User's Guide	36388-90001
VPLUS/Windows Programmer's Guide	36393-90002
Magneto-Optical Media Manager User's Guide	36398-90001
TurboSTORE/XL Reference Manual	30319-60002
Mirrored Disk/iX User's Guide	30349-90003
ALLBASE/DB2 CONNECT User's Guide	30700-90001
ALLBASE/TurboCONNECT Administrator's Guide	36385-90001
DBchange Plus User's Guide	36386-90001