

HARDWARE PUBLICATIONS BY PART NUMBER

Pub Number	Title	Cost
CCW0114000	CRAY X-MP EA/464 Chassis Map (S/N 1101 & 1102)	1.14
CCW-0115-000	CRAY X-MP/14se Chassis Map	1.72
CCW-0118-000	CRAY X-MP EA/464 Chassis Map (S/N 1103 and up)	1.14
CCW-0121-000	CRAY X-MP EA/116se Chassis Map	2.52
CCW-0122-000	CRAY X-MP EA/264 Chassis Map	1.25
CCW-0412-0A0	CRAY Y-MP 2E Computer System Chassis Map	1.08
CCW-0419-000	CRAY Y-MP 8I Computer System Chassis Map	1.08
CCW-0420-000	CRAY Y-MP 4E Computer System Chassis Map	1.08
CCW-0422-000	CRAY Y-MP 8E Computer System Chassis Map	1.08
CCW1004000	SSD Solid-state Storage Device Model C Chassis Map	1.08(Pre
CCW1005000	SSD Solid-state Storage Device Model D Chassis Map	1.08
CCW-1006-000	IOS Model C Chassis Map (S/N 101 and up)	.57
CCW-1007-000	IOS Model D/Integrated SSD Chassis Map	1.13
CCW-1027-000	SSD-E 900 Series Cabinet Chassis Map	1.10
CDM-0002-000 (Prev HM-01000)	Cray-1 Computer Systems MCU-based Diag Ref Man	25.76
CDM-0003-000	CRAY-1 Computer Systems Models A, S, and M IOS-based Diagnostic Reference Manual	41.21
CDM-0005-0A0	DONUT User Guide, Rev A	4.10
CDM-0108-000	CRAY X-MP Computer System IOS-based Diagnostic Reference Manual	13.33
CDM-0108-001	CRAY X-MP Computer System IOS-based Diagnostic Reference Manual Change Packet	3.60
CDM-0201-0A0	CRAY-2 Computer Systems Off-line Diagnostic Reference Manual	17.17
CDM-0201-0A1	CRAY-2 Computer Systems Off-line Diagnostic Reference Manual Change Packet	2.70
CDM-0414-000	CRAY Y-MP and X-MP EA Simulator User Guide	5.59
CDM-0433-000	CRAY Y-MP EL Offline Diagnostic User Guide	19.44
CDM-0435-000	CRAY Y-MP EL System Programmer Reference Manual	
CDM-0702-000	CRAY XMS Offline Diagnostic Reference Manual	16.47
CDM-1018-0A0	IOS Model E Offline Diagnostic Reference Manual	18.90
CDM-1018-0A1	IOS Model E Offline Diagnostic Reference Manual Change Packet	3.74

CDM-1019-000	SSD-E Maintenance System User Guide	8.91
CDM-1020-0A0	Disk Drive Offload User Guide (Version 1.0)	5.40
CDM-1028-000	Disk Drive Offload User Guide (Version 2.0)	10.80
CDM-1114-0A0	DS-40/41 Disk Subsystem Diagnostic Reference Manual	16.36
CDM-1114-0A1	DS-40/41 Disk Subsystem Diagnostic Reference Manual Change Packet	3.85
CDM-1115-0B0	CRAY Y-MP and CRAY X-MP EA Maintenance Workstation User Guide	10.00
CDM-1116-0B0	CRAY Y-MP and CRAY X-MP EA Off-line Diagnostic Reference Manual	30.24
CDM-1116-0B1	CRAY Y-MP and CRAY X-MP EA Off-line Diagnostic Reference Manual Change Packet	3.75
CDM-1123-0A0	MWS-E User Guide	6.45
CDM-1123-0A1	MWS-E User Guide Change Packet	6.48
CDM-1125-000	Remote Support System Guide	8.00
CDM-1125-001	Remote Support System Guide, Version 3.0 Change Packe	1.08
CDM-1126-000	UNICOS Online Diagnostic User Guide	7.49
CEM-0001-000	CRAY-1 and CRAY X-MP Computer Systems Remote Maintenance Manual	2.29
	(order 22-ring, 1-inch binder, CQQ-9983-0BB)	3.34
CEM-1119-PR1	Cray Research, Inc. Remote Support System Guide	6.85
CID0100000	CRAY X-MP/216 Computer Systems Instruction Timing Diagrams Hardware Maintenance Manual	8.50
(Prev. HMM-0842)	(order 22-ring, 1.5 - inch binder, CQQ-9984-0BB)	3.38
CID0101000	CRAY X-MP/48, 416 Computer Systems Instruction and Timing Diagrams	10.70
(Prev. HMM-0840)		
CID0102000	CRAY X-MP/1 Computer Systems Instruction Timing Diagrams Hardware Maintenance Manual	8.50
(Prev. HMM-0861)		
CID-0119-000	CRAY X-MP EA/464 Computer Systems Instruction Timing Diagrams	13.25
CMK-1101-000	Peripheral Expander Chassis (Model 2) Maintenance Manual Kit (the following items are included in the kit, but may be purchased separately)	295.79
CMM1101000	Peripheral Expander Chassis (Model 2) Maintenance Manual	7.56
CMM1101001	Change packet	6.48
CQQ-9984-0BB	22-ring 1.5 - inch binder	3.38
CZM0900000	CDC Removable Storage Disk Drives	16.20
CZM0902000	ZETACO Storage Module Disk Controller Model 296	48.60

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CZM0903000	ZETACO Magnetic Tape Coupler Model TC-133 Manual	48.60
CZM0904000	ZETACO Slot Saver V Controller Model 265 Manual	48.60
CZM-0905-000	ZETACO Model 018-C Logic Chassis Technical Manual	2.97
CZM0906000	ZETACO Power Supply Model 018-PS Manual	48.60
CZM0907000	ZETACO Magnetic Tape Coupler Model BMX-2 Manual	48.60
CZM-0908-000	TELEX Magnetic Tape Drive Maintenance Manual	16.20
CMM-0104-000 (Prev. HMM-0803)	CRAY X-MP/1, 2 Computer Systems Maintenance Aids Hardware Maintenance Manual	20.61
CMM-0107-000 (Prev. HMM-0806)	CRAY X-MP/4 Computer Systems Maintenance Aids Manual	19.46
CMM-0120-000	CRAY X-MP/14se Computer Systems Maintenance Aids Manual	18.32
CMM-0123-000	CRAY X-MP EA Computer Systems Maintenance Aids Manual	18.32
CMM0202000 (Prev. HM-02033)	CRAY-2 Maintenance Aids and Maintenance Procedures Hardware Maintenance Manual	10.80
CMM-0202-001	CRAY-2 Maintenance Aids and Maintenance Procedures Change Packet	7.44
CMM-0204-000 (Prev. HM-02029)	CRAY-2 Theory of Operations Hardware Maintenance Manual	11.45
CMM-0204-001	CRAY-2 Theory of Operations Hardware Maintenance Manual Change Packet	9.73
CMM-0404-0A0	CRAY Y-MP Series Theory of Operations Manual	21.60
CMM-0405-0A0	CRAY Y-MP Series Power Distribution and Refrigeration Manual	17.06
CMM-0406-0B0	CRAY Y-MP System PMI/PMP Maintenance Manual	13.23
CMM-0406-0B1	CRAY Y-MP System PMI/PMP Maintenance Manual Change Packet	0.43
CMM-0407-0A0	CRAY Y-MP Field Repair Procedures	9.72
CMM-0411-000	CRAY Y-MP 2E, 4E, and M92 Systems Power Distribution and Refrigeration Manual	14.50
CMM-0415-000	CRAY Y-MP2E and CRAY Y-MP4E Preventive Maintenance and Field Repair Procedures Manual	14.85
CMM-0415-001	CRAY Y-MP2E and CRAY Y-MP4E Preventive Maintenance and Field Repair Procedures Change Packet	7.89
CMM-0417-000	CRAY Y-MP8E and CRAY Y-MP8I Preventive Maintenance and Field Repair Procedures Manual	18.36
CMM-0418-0A0	CRAY Y-MP2E and CRAY Y-MP4E Computer Systems Installation Reference Manual	14.45

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CMM-0421-000	CRAY Y-MP 2E and CRAY Y-MP 4E Systems Troubleshooting Guide	21.20
CMM-0425-000	CRAY Y-MP 8E and CRAY Y-MP 8I Power Distribution and Refrigeration Maintenance Manual	8.00
CMM-0425-001	CRAY Y-MP 8E, 8I, M94, and M98 Power Distribution and Refrigeration Maintenance Manual Change Packet	1.88
CMM-0431-000	CRAY Y-MP EL Hardware Troubleshooting and Maintenance Manual	18.75
CMM-0502-000	CRAY Y-MP C90 Computer System Hardware Maintenance Manual	43.35
CMM-0506-PR1	CRAY Y-MP C90 Power Distribution and Refrigeration Manual	11.02
CMM-0700-000	CRAY XMS System Support Service Manual	14.04
CMM-0703-000	CRAY XMS System Primary Maintenance Manual	26.46
CMM-0705-000	Installing the CRAY Y-MP EL System	5.35
CMM-1000-0A0	SSD Solid-state Storage Device Hardware Maintenance Manual	13.74
CMM-1003-PR1	IOS Models C and D Hardware Maintenance Manual	8.64
CMM-1015-000	SSD Solid-state Storage Device Model E Hardware Maintenance Manual	24.65
CMM-1016-000	IOS Model E Hardware Maintenance Manual	21.40
CMM-1100-0A0	FEI-3 (VMEbus Interface) Installation and Maintenance Manual	6.48
CMM1101000 (Prev. HM-0091)	Peripheral Expander Chassis (Model 2) Maintenance Manual (order 22-ring, 1 1/2-inch binder, CQQ-9984-0BB)	7.56 3.38
CMM1101001	Change packet, Update Telex Tape Drive	6.48
CMM1102000	FOL-3 Maintenance Manual	7.56
CMM-1103-0C0	DS-40/41 Disk Subsystem Maintenance Manual	10.20
CMM1106000	Cray/CDC Interface Maintenance Manual	3.29
CMM-1107-000 (Prev. HM-00090)	Cray Data-streaming Interface Maintenance Manual	34.34
CMM-1112-0A0	Cray High-speed External (HSX) Communications Channel Maintenance Manual	5.94
CMM-1120-0B0	OWS and MWS Installation and Maintenance Manual	6.45
CMM-1121-000	RDS-5 Maintenance Manual	6.48
CMM-1122-0A0	MWS-E and OWS-E Hardware Maintenance Manual	6.48
CMM-1122-0A1	MWS-E and OWS-E Hardware Maintenance Manual Change Packet	3.21

CMM-1127-000	FOL-4 Installation and Maintenance Manual	6.45
CMM-1128-000	FDR-4 and MPX-24 Systems Maintenance Manual	12.45
CMM-1128-000	FDR-4 and MPX-24 Systems Maintenance Manual	12.45
CMM-1129-000	SMP-1 Semaphore System Maintenance Manual	7.22
CMQ0103000 (Prev. HMM-0832)	CRAY X-MP Gate-array Pinout Card	0.44
CMQ-0105-0A0 (Prev. HQ-00093)	CRAY X-MP Hardware Reference Card	1.46
CMQ-0207-000	CRAY-2 Gate-array Pinout Card	1.77
CMQ11090A0 (Prev. HQ-00095)	IOS Model C/D Hardware Reference Card	1.45
CMQ-9979-0A0	Field Tools Catalog, Rev A	14.26
COM-0427-000	CRAY Y-MP 2E System Hardware Guide	12.30
COM-0428-000	CRAY Y-MP 4E System Hardware Guide	12.30
COM-1124-000	60 Series Disk Systems Guide	11.88
COM-1131-000	DD-4R Disk Drive Guide	8.56
COM-1132-000	DD-42 Disk Drive Guide	8.56
COM-9967-000	Cray Research, Inc. Field Service Handbook	7.50
COM-9969-000	The Protection of Information Policy	No charge
COM-9969-001	Protection of Information Policy Change Packet	4.28
COM-9980-0A0	Incident Reporting System User Guide (Software Version 6.0)	4.43
COM-9980-0A1	Incident Reporting System User Guide (Version 6.0) Change Packet	.48
COM-9980-0A2	Incident Reporting System User Guide (Version 6.0) Change Packet	6.45
COM-9994-0B0	Field Operation Guidelines	8.10
COM-9994-0B1	Escalation Procedure Timelines	0.38
CQC-0203-0A0	CRAY-2 CAL Version 2 Hardware Reference Card	2.80
CQC-0401-000	CRAY X-MP EA Hardware Reference Card	0.85
CQC-9973-0B0	Guidelines for Protection of Information Reference Card	0.23
CQH-0408-0A0	CRAY Y-MP and CRAY X-MP EA Off-line Diagnostic Quick Reference Booklet	8.03
CQH-0432-000	CRAY Y-MP Series and IOS Model E Hardware Reference Booklet	11.25
CQH-0437-000	CRAY Y-MP Series Hardware Reference Booklet	2.12

CQH-0504-000	CRAY Y-MP C90 Hardware Reference Booklet	8.95
CQH-0504-001	CRAY Y-MP C90 Hardware Reference Booklet Change Packet	9.60
CQH-1031-000	IOS Model E Hardware Reference Booklet	2.91
CQM-0117-000 (Prev. HQ-1005)	CRAY X-MP Computer System Diagnostic Quick Reference Guide	25.76
CQM-1008-000 (Prev. HQ-1007)	Cray I/O Subsystem Diagnostic Quick Reference Guide	25.92
CQM-1105-0A0	DS-40/DS-41 Quick Reference Manual	3.24
CQM-9992-000	Manufacturing Soldering Standards Manual	20.61
CQM-9993-000	Field Soldering Standards Manual	28.05
CQM-9993-001	Field Soldering Standards Change Packet	3.51
CQQ-0006-000	Packets of lined 4-in. by 6-in. note paper	1.28
CQQ-9990-0F0	Field Parts Catalog, Rev F.	11.77
CSM-0110-0A0 (Prev. HR-00032)	CRAY X-MP/2 System Programmer Reference Manual	11.88
CSM-0111-0A0 (Prev. HR-00088)	CRAY X-MP/1 System Programmer Reference Manual	12.59
CSM-0112-0A0 (Prev. HR-00097)	CRAY X-MP/4 System Programmer Reference Manual	12.59
CSM-0116-000	CRAY X-MP EA System Programmer Reference Manual	20.03
CSM-0200-000 (Prev. CMM0200000)	CRAY-2 System Programmer Reference Manual	25.08
CSM-0200-001	CRAY-2 System Programmer Reference Manual Change Packet	6.48
CSM-0400-0A0	CRAY Y-MP System Programmer Reference Manual	20.25
CSM-0400-0A1	CRAY Y-MP System Programmer Reference Manual Change Packet	2.43
CSM-0400-0A2	CRAY Y-MP System Programmer Reference Manual Change Packet	1.51
CSM-0400-0A3	CRAY Y-MP System Programmer Reference Manual Change Packet	.98
CSM-0434-000	CRAY Y-MP M90 Series System Programmer Reference Manual	18.62
CSM-0435-000	CRAY Y-MP EL System Programmer Reference Manual	15.05
CSM-0500-000	CRAY Y-MP C90 System Programmer Reference Manual	21.40
CSM-1009-000 (Prev. HR-0081)	I/O Subsystem Models C and D System Programmer Reference Manual	16.96
CSM-1010-000	IOS Model E System Programmer Reference Manual	8.05

CSM-1010-001	IOS Model E System Programmer Reference Manual Change Packet	1.60
CSM-1010-002	IOS Model E System Programmer Reference Manual Change Packet	5.14
CSM-1023-000	DMS Macrocode Assembler Programmer Reference Manual	2.97
CSM-1111-000	FEI-3 (VMEbus Interface) System Programmers Reference Manual	7.18
CSM-1116-000	SSD Solid-state Storage Device System Programmer Reference Manual	22.60
CSM-1117-000	Block Multiplexer Controller System Programmer Reference Manual	5.40
CSM-1118-000 (Prev. HR-00077)	Disk Systems Programmer Reference Manual	10.26
CSM-1118-001	Disk Systems Programmer Reference Manual Change Packet	5.78
CZK-0915-000	Motorola DELTA Microcomputer Maintenance Manual Kit (the following items are included in the kit, but may be purchased separately)	354.88
CZM-0916-000	VMEbus Specification, Rev. C.1	5.72
CZM-0921-000	MVME131XT Microcomputer with External Cache Accelerator, Memory Management, and RS-232 Serial Port Distribution Boards User's Manual	14.04
CZM-0923-000	MVME050 System Controller Module and MVME710 I/O Transition Module User's Manual	9.92
CZM-0930-000	MVME710 8-channel Serial I/O Module User's Manual	1.62
CZM-0934-000	MVME350 Streaming Tape Controller VMEmodule User's Manual	2.70
CZM-0936-000	Scorpion .25-inch Streaming Tape Drive Product Description	4.86
CZM-0937-000	Boxed set of UNIX Manuals (Motorola System V/68 Release 3)	284.52
CZM-0938-000	MVME130Bug Debugging Package	9.18
CZM0900000	CDC Removable Storage Disk Drives Manual	16.20
CZM0902000	ZETACO Storage Module Disk Controller Model 296	48.60
CZM0903000	ZETACO Magnetic Tape Coupler Model TC-133	48.60
CZM0904000	ZETACO Slot Saver V Controller Model 265	48.60
CZM-0905-000	ZETACO Model 018-C Logic Chassis Technical Manual	2.97
CZM0906000	ZETACO Power Supply Model 018-PS Manual	48.60
CZM0907000	ZETACO Magnetic Tape Coupler Model BMX-2	48.60

Manual

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CZM-0908-000	TELEX Magnetic Tape Drive Maintenance Manual	16.20
CZM0909000	DEC DRB32-C Technical Manual	6.48
CZM0910000	DEC DRB32-C Installation Guide	6.48
CZM-0916-000	VMEbus Specification, Rev C.1	5.72
CZM-0917-000	Motorola Microcomputer Systems and Components	5.40
CZM-0920-000	VME Delta Series Board Strapping & Configuration Guide	3.62
CZM-0921-000	MVME131XT Microcomputer with External Cache Accelerator Memory Management, and RS-232 Serial Port Distribution Boards User Manual	14.04
CZM-0922-000	MVME204-1/-2 Dual Ported Dynamic Memory VMEmodule User's Manual	4.32
CZM-0923-000	MVME050 System Controller Module and MVME701 I/O Transition Module User's Manual	9.72
CZM-0924-000	Installation Instructions for MVME323 Kit	0.16
CZM-0925-000	MVME360 SMD Disk Controller User's Manual	4.86
CZM-0927-000	MVME330 Ethernet Controller User's Manual	3.24
CZM-0928-000	Installation Instructions for MVME330 Kit	0.32
CZM-0929-000	6-Channel Serial Transceiver Module User's Manual	2.81
CZM-0930-000	MVME710 8-Channel Serial I/O Distribution Module User's Manual	1.62
CZM-0931-000	Installation Instructions for MVME710F Kit	32.40
CZM-0932-000	Installation Instructions for MVME335 Kit	0.16
CZM-0934-000	MVME 350 Streaming Tape Controller VMEmodule User's Manual	2.70
CZM-0935-000	Installation Instructions for ESD1 Hard Disk Drive	1.08
CZM-0936-000	Scorpion 1/4" Streaming Tape Drive Product Description	4.86
CZM-0937-000	Motorola System V/68 Release 3	284.52
CZM-0938-000	MVME130Bug Debugging Package and User's Manual	9.18
CZM-0939-000	MVME330 LAN Controller Kernel Software Reference Manual	2.86
CZM-0940-000	DEM, Cray Tape Channel (CTC) 5300 Hardware Reference Manual	70.20
CZM-0941-000	UNIX System V Command Summary Booklet	4.05
CZM-0942-000	MVME130 Diagnostic Firmware User's Manual	8.64
CZM-0943-000	MVME204-2 Dual Ported Dynamic Memory	No charge

VMEmodule User's Manual

CZM-0944-000	MVME332 Intelligent Communications Controller User's Manuals	No charge
CZM-0948-000	MVME792 Two-channel Video Display Transition VMEmodule User's Manual	5.94
CZM-0949-000	Wren III Disk Drive OEM Manual	1.08
CZM-0950-000	MVME323K/D2 WESDI 4201 Panther High-performance VMEbus ESD Disk Controller Manual	0.16
CZM-0951-000	Boxed Set of UNIX Software Development Manuals	222.48
CZM-0953-000	MVME393 Multi-channel Graphics Display Controller User's Manual	7.29
CZM-0954-000	MVME332XT/D1 User's Manual	9.18
CZM-0955-000	MVME332XTDF/D1 Firmware Manual	8.10
CZM-0956-000	MVME141-1/MVME141-2 32-Bit VMEbus/VSB-based Microcomputer User's Manual	6.48
CZM-0957-000	MVME141BUG 141 Debugging Package User's Manual	11.88
CZM-0958-000	MVME224-1 and MVME224-2 4Mb and 8Mb DRAM Memory Modules User Manual	4.86
CZM-0959-000	Eight-inch Module Drive, PA8G1-2, PA8K1-2, PA8N1-2 User's Manual	17.28
CZM-0960-000	EMD/Sabre Eight-inch Module Drive PA8XX Maintenance Manual	11.88
CZM-0961-000	EMD/Sabre Eight-inch Module Drive, PA8XX Theory	28.08
CZM-0962-000	MVME714, MVME714M, and MVME714M-1 2-Channel Serial I/O Distribution Module User's Manual	
CZM-0963-000	MVME141 Diagnostic Firmware User's Manual	
CZM-0964-000	Diagrams Sabre PA8XX	21.60
CZM-0965-000	Parts Data 9720 Sabre PA8	8.64
CZM-0966-000	Reference Card A EMD	4.32
CZM-0967-000	Ampex 230 + Service Manual	75.60
CZM-0968-000	MSS4 Series SMD 8-inch Disk Drive Modular Storage Subsystem User Manual	54.00
CZM-0969-000	PA8Y2-A Parts Data Manual	5.40
CZM-0970-000	PA8Y2-A User's Manual	10.80
CZM-0971-000	PA8Y2-A Maintenance Manual	10.80
CZM-0972-000	Sabre Synchronized Spindle System Product Specification	No charge
CZM-0973-000	Interface Specification for IPI-2 Intelligent Peripheral Interface	No charge
CZM-0974-000	Device Specific Command Set for Magnetic	No charge

Disk Drives

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CZM-0975-000	Enhanced Physical Level (IPI)	No charge
CZM-0976-000	DD-61 User's Manual	12.96
CZM-0977-000	DD-61 Parts Data Manual	8.64
CZM-0978-000	DD-60/61 Pocket Reference	No charge
CZM-0979-000	Streaming Cartridge Tape Drive Product Manual	27.00
CZM-0980-000	Tapemaster 3000, VMEBus Tape Drive Controller Product Specification	5.40
CZM-0981-000	Rimfire 3400, VMEBus ESDI Drive Controller Product Specification	5.40
CZM-0982-000	130 Series, FXP Series, Ethernet Intelligent Controller Reference Guide	37.80
CZM-0983-000	EXB-8200 8mm 425 PROM Cartridge Tape Subsystem Interface User Manual	27.00
CZM-0984-000	HK68/V30/HK68V30XE User's Manual	43.20
CZM-0985-000	V30 Block Diagrams, Pages 0-19	10.80
CZM-0986-000	DK515 Winchester Disk Drive Product Specification	2.43
CZM-0987-000	DK515 Winchester Disk Drive Service Manual	0.86
CZM-0988-000	MC3 User's Guide	27.00
CZM-0989-000	MC5 Quick Reference Guide	27.00
CZM-0990-000	Strategy 2 Disk Array Controller Operation Manual	81.00
CZM-0991-000	Strategy 2 Disk Array Controller Installation Manual	54.00
CZM-0992-000	Strategy 2 Drive ID Codes	27.00
CZM-0993-000	Strategy 2 High Speed Interface 2	27.00
CZM-0994-000	Strategy VME 2 Interface Operation Manual	27.00
CZM-0995-000	PI17 Peripheral Interface Reference Manual	34.02
CZM-0996-000	PIx92 Processor Interface Hardware Reference Manual	34.02
CZM-0999-000	DD-61 Maintenance Manual	10.80
HM-00111	CRAY X-MP Series Refrigeration Maintenance Manual	5.16
HM-00120-0A	DD-49 Disk Storage Unit Troubleshooting Guide	2.65
HM-00573	CRAY-1 Instruction Timing Diagrams Field Engineering Reference Manual	5.40
	(order 22-ring, 1.5 - inch binder, CQQ-9984-0BB)	3.38
HM-00670	CRAY-1 A/B Memory Hardware Training Manual	3.78

HM-00811 (Prev. HMM-0811)	CRAY-1 S Series CPU Block Diagrams	16.20
HM-00815	CRAY-1 S Series I/O Subsystem and Block Diagram Field Engineering Reference Manual	5.40
HM-00820	CRAY-1 S Series Refrigeration Maintenance Manual (order 22-ring, 1-inch binder, CQQ-9983-0BB)	4.32 3.34
HMM-0587	CRAY-1 S Series Computer Systems Reciprocal Approximation Unit Troubleshooting Field Engineering Reference Manual	2.97
HMM-0597	CRAY X-MP S/N 110 Chassis Map	1.08
HMM-0598	IOS Model B Chassis Map S/N 40	1.08
HMM-0599	CRAY X-MP/11A Chassis Map	1.08
HMM-0607	CRAY X-MP/22, 24 Chassis Map	1.08
HMM-0611	CRAY X-MP/11B, 12B, 14B Chassis Map	1.08
HMM-0641	CRAY X-MP/11B, 12B, 14B S/N 310 Chassis Map	2.07
HMM-0643	CRAY X-MP/12-14 S/N 310 Chassis Map	1.08
HMM-0647	SSD S/N 39 Chassis Map	1.08
HMM-0701	IOS Instruction Timing Diagrams Hardware Maintenance Manual	10.80
HMM-0703	IOS Model C Block Diagrams Hardware Maintenance Manual	3.24
HMM-0715	CRAY-1 S 8-column Chassis Map	1.08
HMM-0729	12-column CRAY-1 S Series CPU Chassis Map	1.08
HMM-0749	CRAY-1 A Chassis Map	1.08
HMM-0750	SSD Model A Chassis Map	1.08
HMM-0751	IOP Model B Chassis Map S/N 6, 11-20	1.08
HMM-0754	IOP Model B Chassis Map S/N 25-39	1.08
HMM-0756	CRAY-1 M Chassis Map	1.08
HMM-0757 (Prev. HMM-0596)	CRAY X-MP Chassis Map (12-column)	1.08
HMM-0783	CRAY X-MP Computer Systems CPU Block Diagrams	16.20
HMM-0801 (Prev. HMM-0807)	CRAY X-MP Block Diagram Wall Chart	1.08
HMM-0804	CRAY X-MP/4 Chassis Map	1.08
HMM-0805	CRAY X-MP/216 Chassis Map	1.08
HMM-0809	CRAY-1 S Series Computer Systems I/O Processor S/N 3-39 Instruction Timing Diagrams Hardware Maintenance Manual	6.48

HMM-0813	I/O Subsystem Model B S/N 21-24 Block Diagrams Hardware Maintenance Manual	16.20
HMM-0816	I/O Subsystem Model A S/N 8 Block Diagrams Hardware Maintenance Manual	16.20
HMM-0818	I/O Subsystem Model B S/N 6, 11-20 Block Diagrams Hardware Maintenance Manual	16.20
HMM-0821	CRAY-1 S Computer Systems I/O Processor S/N 40- Instruction Timing Diagrams Hardware Maintenance Manual	6.48
HMM-0826	I/O Subsystem Model B S/N 25-39 Block Diagrams Hardware Maintenance Manual	16.20
HMM-0827	CRAY X-MP 12-column Computer Systems Instruction Timing Diagrams Hardware Maintenance Manual	7.56
HMM-0828	I/O Subsystem Model B S/N 40- Block Diagrams Hardware Maintenance Manual	16.20
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HR-04000-0A	CRAY Y-MP8 Computer Systems Site Planning Reference Manual	8.01
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