

# CRAY T90™ Series Hardware Documentation Map

Documents are listed in the order recommended for placement in binder(s).

You can order documentation kits or individual documents from Logistics in Chippewa Falls.

Kits include documents and binder(s). Binders are not included when you order individual documents.

This sheet, part number HGM-191-F, is included with all CRAY T90 series documentation kits, except site planning kits.


## HGK-011-0 System Overview Kit



<i>CQQ-9977-0BB</i>	<i>Binder 1 (1-in.)</i>
■ HGM-127-C	Documentation and Videotape Maps and Descriptions
HGM-002-C	System Overview
■ HGM-097-A	Glossary
HGM-128-A	Master Index
■ HMM-129-A	PFIB and Measuring the PFIB Equivalent
■ HGM-191-F	CRAY T90 Series Hardware Documentation Map

## HDK-075-0 Maintenance Tools and Diagnostics Kit



<i>CQQ-9985-0BB</i>	<i>Binder 1 (2-in.)</i>
■ HDM-117-B	Boundary Scan System Test
■ HDM-069-C	SCE User Guide
■ HDM-182-C	SCE Interface Reference
■ HDM-102-B	MME User Guide
HDM-008-A	MME Interface Reference
■ HDM-103-B	MME Diagnostic Tests and Utilities
 <i>CQQ-9987-0BB</i>	<i>Binder 2 (1.5-in.)</i>
■ HDM-070-A	LME User Guide
■ HDM-122-A	LME Interface Reference
HDM-071-A	CBP Runtime Module
HDM-009-0	MDB User Guide
HDM-123-0	MDB Interface Reference
HDM-012-D	xelog, xcfg, and nwacs User Information
HMQ-252-0	Maintenance Tools and Diagnostics Quick-reference Booklet
■ HGM-191-F	CRAY T90 Series Hardware Documentation Map

## HMK-435-0 IOS Model E Systems Repair and Hardware Maintenance Kit



<i>CQQ-9987-0BB</i>	<i>Binder 1 (1.5-in.)</i>
■ HMM-078-A	System Cabling
■ HMM-111-A	Field Replacement Procedures
■ HMM-121-B	EZIF Controller Operation and Troubleshooting
■ HGM-191-F	CRAY T90 Series Hardware Documentation Map

## HMK-434-0 GigaRing Systems Repair and Hardware Maintenance Kit



<i>CQQ-9985-0BB</i>	<i>Binder 1 (2-in.)</i>
■ HMM-111-A	Field Replacement Procedures
■ HMM-121-B	EZIF Controller Operation and Troubleshooting
■ HMM-367-B	System Cabling (CRAY T90 Series with GigaRing I/O)
■ HMM-368-B	Cable Wire Lists (CRAY T90 Series with GigaRing I/O)
■ HGM-191-F	CRAY T90 Series Hardware Documentation Map

## HTK-084-0 Power, Cooling, and Control System Kit



<i>CQQ-9985-0BB</i>	<i>Binder 1 (2-in.)</i>
■ HTM-065-A	Control System Overview
HTM-010-A	HEU-T90 Power, Cooling, and Control System
■ HMM-378-A	HEU-T90 Cooling, Power, and Control Systems (New Design)
■ HTM-066-B	CRAY T94 Power, Cooling, and Control System
■ HTM-067-B	Power, Cooling, and Control System (CRAY T916 System)
■ HTM-095-B	Power, Cooling, and Control System (CRAY T932 System)
HGM-180-0	Air-cooled Cooling Unit Reference List (CRAY T94 Systems)
■ HTM-179-B	Power, Cooling, and Control System Troubleshooting Guide
■ HMM-131-F	HVDC-40/45/47 Start-up Procedure
■ HMM-149-D	HVDC-160/185 Start-up Procedure
■ HGM-191-F	CRAY T90 Series Hardware Documentation Map

**HTK-082-0****Mainframe Hardware Reference Kit**

<i>CQQ-9985-0BB</i>	<i>Binder 1 (2-in.)</i>
HTM-005-A	Boundary Scan Module (BS02)
HTM-006-B	Maintenance Channel
HTM-007-B	Error Logger Channel
■ HTM-077-A	Optical Clock Module
HTM-004-0	Memory Module (CM02)
■ HTM-112-B	Shared Module
HTM-030-B	Input/Output Module (IO01)
HTM-192-B	Network Module
■ HTM-323-0	IO02 Module
■ HTM-320-A	Memory Module (CM04)
■ HTM-184-A	Memory Module (CM03)
HTM-027-B	System Interconnect Board (SIB)
■ CQC-0304-000	CRAY T90 Series Hardware Reference Card (for IEEE CPUs)
■ CQC-0303-0B0	CRAY T90 Series Hardware Reference Card (for Cray Floating-point CPUs)
■ CQH-0302-0E0	CRAY T90 Series Hardware Reference Booklet
■ HGM-191-F	CRAY T90 Series Hardware Documentation Map
<i>CQQ-9985-0BB</i>	<i>Binder 2 (2-in.)</i>
■ HTM-300-0	CPU Module (CPE1)
HTM-003-A	CPU Module (CP02)
HTM-059-0	Memory Control
<i>CQQ-9987-0BB</i>	<i>Binder 3 (1.5-in.)</i>
HTM-115-A	Instruction Set Overview
HTM-119-A	Instruction Descriptions
■ HTM-317-0	Instruction Set Overview for IEEE CPUs
■ HTM-318-0	Instruction Descriptions for IEEE CPUs

**HMK-126-0****Support System Kit**

<i>CQQ-9987-0BB</i>	<i>Binder 1 (1.5-in.)</i>
■ HMM-105-A	Support System
HMM-106-A	Remote Support
■ HMM-054-C	Annex Communications Server Installation Guide
■ HGM-191-F	CRAY T90 Series Hardware Documentation Map

**Other Documents, Kits, and Videotapes**

■ CD-REF-1.0	SGI Service Documentation Sets CD-ROM (CD-ROM; includes CRAY T90 Series)
■ CZM-0854-000	Cray HVDC (High Voltage Direct Current) Power System Field Engineer Technical Manual
■ HGM-016-A	Safety and ESD Guidelines
■ HMM-399-0	IOS Model E Reference
■ HMM-433-0	Troubleshooting Double-bit Memory Errors (CRAY T916 and CRAY T932 Systems)
■ HR-04124	Preparing for a CRAY T916 System Installation
■ HR-04125	Preparing for a CRAY T932 System Installation
■ HR-04126	Preparing for a CRAY T94 System Installation
HRK-107-0	CRAY T94 Site Planning and Preparation Kit
HRK-108-0	CRAY T916 Site Planning Kit
HRK-109-0	CRAY T932 Site Planning Kit
■ HTM-222-B	System Workstation (GigaRing Network)
■ AVT-00191	Annex Communications Server Installation Video
■ AVT-00208	Measuring the PFIB in a Fluorinert Liquid Sample