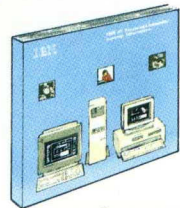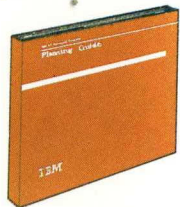# IBM RT PC
# Library Overview
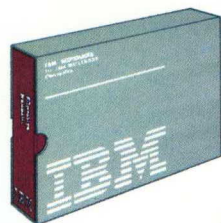# and Reading Sequence

**IBM**

## Planning, Setting Up and Installing RT PC[1]

1. **RT Personal Computer[1] General Information**

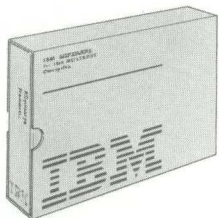2. **RT Personal Computer Planning Guide**

3. **User Setup Guide**

4. **Options Installation**

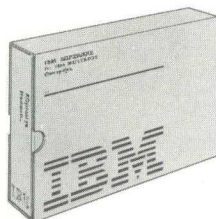5. **Installing and Customizing the AIX[2] Operating System**
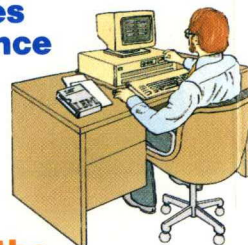
## Using RT PC

### Using the Window Interface

6. **Exploring Usability Services**

7. **Usability Services Guide**

8. **Usability Services Reference**

9. **Using the AIX Operating System**

10. **AIX Operating System Commands Reference**
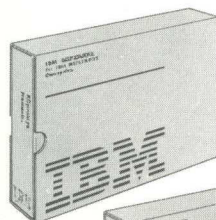
### Using the DOS Interface

11. **Using DOS Services**

12. **DOS Services Reference**

## Support Publications for Using and Managing RT PC

13. **Bibliography and Master Index**

14. **Guide to Operations**
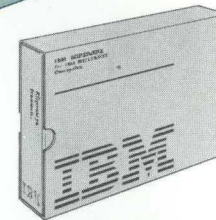
15. **INed[3]**
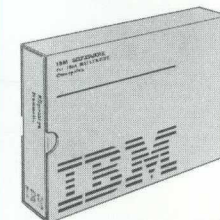
16. **Managing the AIX Operating System**
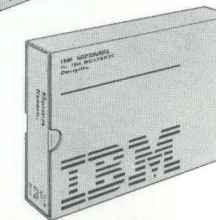
17. **Messages Reference**
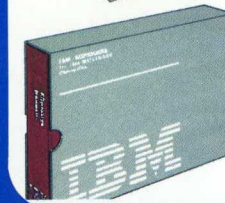
18. **Problem Determination Guide**
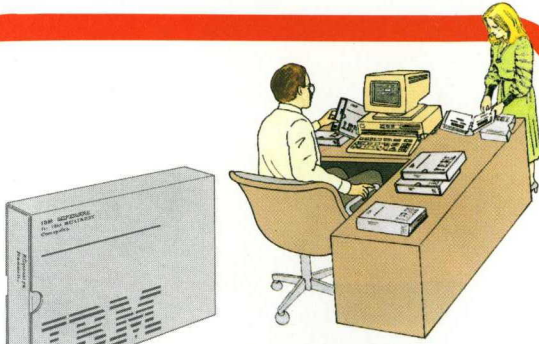
# Programming RT PC

19. **C Language Guide and Reference**

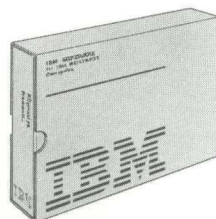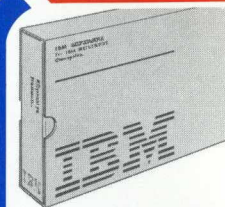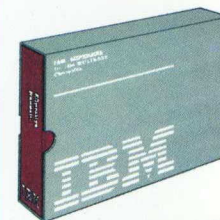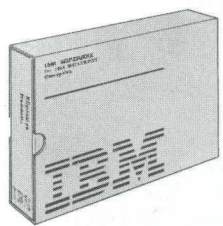20. **AIX Operating System Programming Tools and Interfaces**
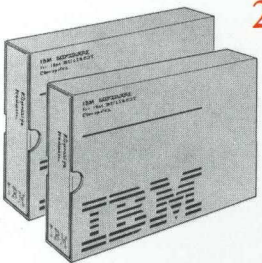
21. **AIX Operating System Technical Reference**
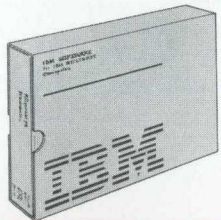
22. **Assembler Language Reference**

# Communications Publications
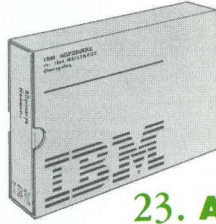
23. **AIX Operating System Communications Guide**
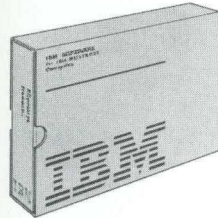
24. **SNA Services Guide and Reference**
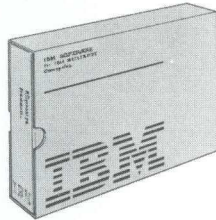
25. **Base PC Network Services**
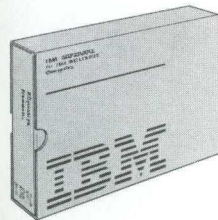
26. **Interface Program for use with TCP/IP**

# Technical Publications
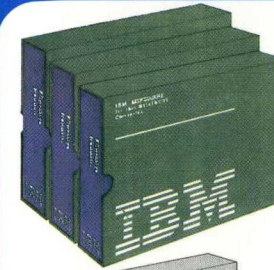
27. **Hardware Technical Reference**
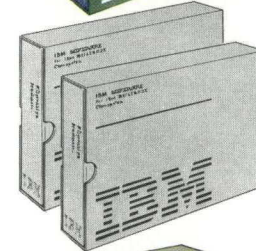
28. **Virtual Resource Manager**
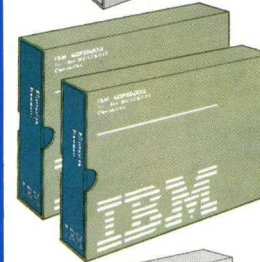
29. **Hardware Maintenance and Service**
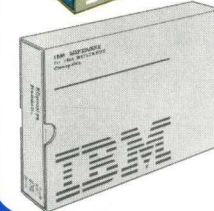
30. **Keyboard Description and Character Reference**

This Way to a description of RT PC books

# IBM RT PC
## Library Overview and Reading Sequence

1. *IBM RT PC General Information* gives an overview of the RT PC's hardware, software, and communications facilities. It also includes information on international character support. This manual is intended to provide information to help you decide whether to buy an RT PC.

2. *IBM RT PC Planning Guide* provides information for site planning and preparation, software planning, and communications planning. The site planning and preparation information includes some physical specifications of the RT PC system units, devices, and cables. The software planning information includes prerequisites, corequisites, and recommended memory for certain software products. The communications planning information includes prerequisites, corequisites, and network configuration requirements of certain communications products. This book should be consulted before ordering RT PC products.

3. *IBM RT PC User Setup Guide* provides instructions for setting up and connecting devices to the system units. This book also gives procedures for testing the setup. (Packaged with *IBM RT PC Options Installation*)

4. *IBM RT PC Options Installation* provides instructions for installing optional adapters in IBM 6151 and IBM 6150 and installing fixed-disk and diskette drives in IBM 6150. (Packaged with *IBM RT PC User Setup Guide*)

5. *IBM RT PC Installing and Customizing the AIX Operating System* provides step-by-step instructions for installing and customizing the AIX Operating System, including how to add or delete devices from the system and how to define device characteristics. This book also explains how to create, delete, or change AIX and non-AIX minidisks.
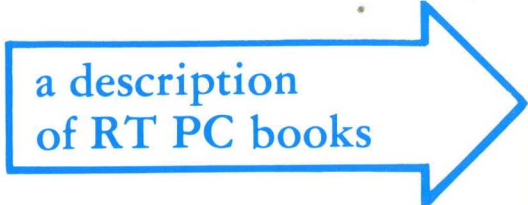
6. *IBM RT PC Exploring Usability Services* is an online tutorial for first-time users of the Usability Services. This tutorial simulates the user interface and shows how to use the keyboard and the optional mouse, how to manipulate windows, and how to use files and directories.

7. *IBM RT PC Usability Services Guide* shows how to create and print text files, work with directories, start application programs, and do other basic tasks with the Usability Services. (Packaged with *Usability Services Reference*)

8. *IBM RT PC Usability Services Reference* supplements *IBM RT PC Usability Services Guide* by including information on using all of the Usability Services commands. (Packaged with *Usability Services Guide*)

9. *IBM RT PC Using the AIX Operating System* describes using the AIX Operating System commands, working with file systems, and developing shell procedures.

10. *IBM RT PC AIX Operating System Commands Reference* lists and describes the AIX Operating System commands.

11. *IBM RT PC Using AIX Operating System DOS Services* provides step-by-step information for using AIX Operating System DOS Services. (Available optionally; packaged with *IBM RT PC AIX Operating System DOS Services Reference*)

12. *IBM RT PC AIX Operating System DOS Services Reference* provides reference information about the AIX Operating System DOS Services. This book also includes information on sharing DOS files with Personal Computer AT Coprocessor Services, and on the differences between PC DOS and DOS Services. (Available optionally; packaged with *IBM RT PC Using AIX Operating System DOS Services*)

13. *IBM RT PC Bibliography and Master Index* provides brief descriptive overviews of the books and tutorial program that support the IBM RT PC hardware and the AIX Operating System. In addition, this book contains an index to the RT PC and AIX Operating System library.

14. *IBM RT PC Guide to Operations* describes the IBM 6151 and IBM 6150 system units, the displays, keyboard, and other devices that can be attached. This guide also includes procedures for operating the hardware and moving the IBM 6151 and IBM 6150 system units.

15. *IBM RT PC INed* provides guide and reference information for using the INed program to create and revise files.

16. *IBM RT PC Managing the AIX Operating System* provides instructions for performing such system management tasks as adding and deleting user IDs, creating and mounting files systems, and repairing file system damage.

17. *IBM RT PC Messages Reference* lists messages displayed by the IBM RT PC and explains how to respond to the messages.

18. *IBM RT PC Problem Determination Guide* provides instructions for running diagnostic routines to locate and identify hardware problems. A problem determination guide for software and two high-capacity (1.2M-byte) diskettes containing the IBM RT PC diagnostic routines are included.

19. *IBM RT PC C Language Guide and Reference* provides guide information for writing, compiling, and running C language programs and includes reference information about C language data structures, operators, expressions, and statements. (Available optionally)

20. *IBM RT PC AIX Operating System Programming Tools and Interfaces* describes the programming environment of the AIX Operating System and includes information about using the operating system tools to develop, compile, and debug programs. In addition, this book describes the operating system services and how to take advantage of them in a program. This book also includes a diskette that includes programming examples, written in C language, to illustrate using system calls and subroutines in short, working programs. (Available optionally)

21. *IBM RT PC AIX Operating System Technical Reference* describes the system calls and subroutines that a C programmer uses when writing programs for the AIX Operating System. This book also includes information about the AIX file system, special files, file formats, and device drivers. (Available optionally)

22. *IBM RT PC Assembler Language Reference* describes the IBM RT PC Assembler Language and the 032 Microprocessor and includes descriptions of syntax and semantics, machine instructions, and pseudo-operations. This book also shows how to link and run Assembler Language programs, including linking to programs written in C language. (Available optionally)

23. *IBM RT PC AIX Operating System Communications Guide* provides information and customizing details on communicating with other users in a multiple work station environment and in two system-to-system configurations. One configuration links a single interactive work station with a remote host, and the other links two AIX-based systems for batch file transfer.

24. *IBM RT PC SNA Services Guide and Reference* describes the capabilities and functions provided by the IBM RT PC Systems Network Architecture (SNA) Services when it is installed on an IBM RT PC. It includes information on the structure and operation of SNA (Systems Network Architecture) on the RT PC, configuring a network, controlling SNA on the local system, finding problems associated with SNA Services, programming using the SNA Services application programming interface, and using the Usability Services extensions that are active when SNA Services is installed. (Available optionally)

25. *IBM RT PC Base PC Network Services* describes the commands and interfaces that programs use to exchange data and messages on the PC Network. This book also includes information about where to find the IBM-provided sample programs that can be used to send and receive data on the PC Network. (Available optionally)

26. *IBM RT PC AIX Interface Program for use with TCP/IP* describes the Interface Program commands for transferring data among host computers, logging into remote computers, and managing networks. This book also describes the programming interfaces to the Interface Program. (Available optionally)

27. *IBM RT PC Hardware Technical Reference* is a three-volume set. Volume I describes how the system unit operates, including I/O interfaces, serial ports, memory interfaces, and CPU interface instructions. Volumes II and III describe adapter interfaces for optional devices and communications and include information about IBM Personal Computer family options and the adapters supported by 6150 and 6151. (Available optionally)

28. *IBM RT PC Virtual Resource Manager Technical Reference* is a two-volume set. The first volume, *Virtual Resource Manager Programming Reference,* describes the VRM programming environment, including the internal VRM routines, VRM floating-point support, use of the VRM debugger, and the supervisor call instructions that form the Virtual Machine Interface. The second volume, *Virtual Resource Manager Device Support,* describes device IPL and configuration, minidisk management, the virtual terminal and block I/O subsystems, as well as the interfaces to the predefined VRM device drivers. This volume also describes the programming conventions for developing your own VRM code and installing it on the system. (Available optionally)

29. *IBM RT PC Hardware Maintenance and Service* provides service procedures for the service technician to isolate and repair hardware failures in the system. This book also includes a set of wrap plugs.

30. *IBM RT PC Keyboard Description and Character Reference* describes the national character and keyboard support for the 101-key, 102-key, and 106-key keyboards, including keyboard position codes, keyboard states, control code points, code sequence processing, and nonspacing character sequences. (Available optionally)