

Preface

About this note

This developer note describes the Macintosh® IIx hardware and emphasizes those features that are new or different from those of other Macintosh II-family computers. It is assumed that hardware and software developers are already familiar with the functionality and programming requirements of Macintosh computers. If you are unfamiliar with the Macintosh, or would simply like more technical information on the hardware, you may want to obtain copies of related technical manuals. For information on how to obtain these manuals, see the following section, “Supplemental Reference Documents.”

This developer note does not constitute a manual and is not complete in its present form. While every attempt has been made to verify the accuracy of the information presented, it is subject to change without notice. This developer note may contain information or specifications that are still under consideration by Apple Computer. The primary reason for releasing product information is to provide the development community with essential product specifications, theory, and application information for the purpose of stimulating work on compatible third-party products.

Supplemental reference documents

To supplement the information in this document, hardware and software developers might wish to obtain related documentation such as the *Macintosh IIx Developer Notes; Guide to the Macintosh Family Hardware, Second Edition* and *Designing Cards and Drivers for the Macintosh Family*, second edition, and *Inside Macintosh*, Volumes I through VI. Copies of these technical manuals are available through APDA® (Apple Programmers and Developers Association). APDA is an excellent source of technical information for anyone interested in developing Apple®-compatible products.

Membership in APDA allows you to purchase Apple technical documentation, programming tools, and utilities. For information on membership fees, available products, and prices, contact

APDA

Apple Computer, Inc.
20525 Mariani Avenue, M/S 33-G
Cupertino, CA 95014

800-282-APDA (800-282-2732)

FAX: 408-562-3971

Telex: 171-576

AppleLink[®]: APDA

Additional information relating to the design of the Macintosh IIsi computer can be found in the following documents.

- *MC68030 Enhanced 32-Bit Microprocessor User's Manual*, second edition, (Motorola MC68030UM/AD Rev 1, 1989).
- *MC68882 Floating-Point Coprocessor User's Manual*, (Motorola and Prentice-Hall, 1985).
- NuBus Specification (Draft 1.1), (NuBus Subcommittee, 1985).
- *Product Databook*, first edition, (Brooktree, 1988).
- SCSI (Small Computer System Interface), ANSI X3T9.2/82-2 Rev. 17B.
- *Controller Products Data Book (VIA)*, (Rockwell, 1987).