



IBM 7587 Industrial Computer Installation, Operation, Hardware Maintenance



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Important:

Before using this information and the product it supports, read the general information in Appendix F, "Notices" on page F-1. Be sure to read the information in "Safety Information" on page F-11, and if you are going to handle electronic components, you must also read "Handling Electrostatic-Discharge-Sensitive Devices" on page F-16.

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About This Book

This manual contains user information and service information pertaining to the IBM 7587 Industrial Computer, the Single Board Computer, and the Analog Video PMC Form Factor Card.

Terminology Note

The following terminology is used throughout this book:

- 7587 Industrial Computer is shortened to **computer**.
- Single Board Computer is shortened to **SBC**.
- Analog Video PMC Form Factor Card is shortened to **PMC video card**.

This book is divided into the following parts:

Part 1, “7587 Industrial Computer Information” contains an introduction to the 7587 Industrial Computer, and tells how to install the computer system, operate it, and solve problems with it at the user level.

Part 2, “Single Board Computer Information” contains an introduction to the SBC, and information about its functions and connectors. It also contains information about installing upgrades to the SBC.

Part 3, “Analog Video PMC Form Factor Card Information” contains an introduction to the PMC video card and its features. It also contains information about upgrades to the PMC video card.

Part 4, “Hardware Maintenance Information” contains service-oriented information and a parts catalog that assist in recognizing and replacing field-replaceable units (FRUs) that have failed or are questionable.

Part 5, “Appendixes” contains the special notices, and supplemental information that is generally not required by the user or service person. Much of the information in the Appendixes is useful in planning computer system configuration and physical site preparation.

Related Publications

You should have the following related publications:

- The installation instructions and other documentation for devices attached to your computer.
- The manual that contains information about your operating system.
- The manuals that contain information about your application programs.
- Other related publications can be obtained from the Web at:

<http://wwprodso1n.bocaratn.ibm.com>

