FIC A985 Intel® Pentium® 4 Notebooks

A985

Reference and

Service Manual

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How to Contact FIC Portable Computing Group

SALES & MARKETING
E-mail: marketing@pcg.fic.com.tw

TECHNICAL SUPPORT
E-mail: pcg_csd_technical_support@pcg.fic.com.tw

CUSTOMER SERVICE (RMA)
E-mail: pcg_csd_customer_support@pcg.fic.com.tw

PCG WEB SITE
FIC Portable Computing Group   http://pcg.fic.com.tw

FIC HOMEPAGE
First International Computer, Inc.   http://www.fic.com.tw

Reference and Service Manual

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Preface

This manual contains operation, specifications, technical references, maintenance and troubleshooting instructions for the FIC A985 notebook.

Intended Audience

This manual is primarily intended for use by qualified service technicians assigned to FIC notebook PC repair operations. However, several sections contain overview technical information useful to a general (less-technical) audience.

Contents

This manual contains the following:

- **Chapter 1: Outline of the A985** - Introduces the notebook and identifies all standard and optional features including outlines on the BIOS SETUP program.

- **Chapter 2: Installation and Upgrade** - Provides information on installing the device drivers and utility programs of the notebook as well as important system upgrade procedures.

- **Chapter 3: Software Functional Overview** - Provides a functional overview of the notebook's BIOS and software operation. This includes the power management function and system resource listing.

- **Chapter 4: Hardware Functional Overview** - Provides a functional overview of the notebook's hardware and sub-assemblies as well as description of every component and chipset used to control each operation.

- **Chapter 5: Maintenance & Disassembly** - Describes the preventive and corrective maintenance procedures for the notebook. This includes primarily the disassembly and assembly procedures of the notebook.

- **Chapter 6: Troubleshooting and Repair** - Provides instructions in handling BIOS POST Error codes and messages as well as guidelines in doing board-level troubleshooting.

- **Appendix A: Notebook Specification** - Provides detailed information on the entire notebook's specification including system specification, mechanical specification, and environmental specification.

- **Appendix B: Pin Assignment** - Contains lists of all pin assignments for ports, connectors, and slots.

- **Appendix C: FRU Parts Listing** - Contains lists of field replaceable parts for RMA purpose.