FIC M785 Intel® Pentium® 4 Notebooks

M785 Reference and Service Manual

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Reference and Service Manual

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Preface

This manual contains operation, specifications, technical references, maintenance and troubleshooting instructions for the FIC M785 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 M785** - 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: FRU Parts Listing** - Contains lists of field replaceable parts for RMA purpose.