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Nota di contenuto	Keeping the U.S. Computer Industry Competitive: Defining the Agenda -- Copyright -- Preface -- Contents -- Executive Summary -- MAINTAINING U.S. COMPETITIVENESS -- Strategic Intent -- Cooperation -- Manufacturing -- Technology Development and Transfer -- Infrastructure and Education -- SETTING THE AGENDA -- 1 Overview -- GLOBALIZATION AND COMPETITIVENESS -- COOPERATION -- STANDARDIZATION -- THE GOVERNMENT ROLE -- NOTES -- 2 Hardware -- SEMICONDUCTORS -- The "DRAM Fiasco -- Beyond DRAMs -- COMPUTER EQUIPMENT -- Commoditization -- Technological Convergence of Industries -- Manufacturing -- STANDARDIZATION -- NOTES -- 3 Software -- SOFTWARE: A HIGHLY UNUSUAL PRODUCT -- TOWARD A BIFURCATED MARKET -- EDUCATION FOR BETTER SOFTWARE DEVELOPMENT AND USE -- FOREIGN CHALLENGE -- STANDARDIZATION -- NOTES -- 4 Services

and Systems Integration -- SYSTEMS INTEGRATION: A U.S. BUSINESS CONCEPT -- ELEMENTS OF SUCCESS -- DIVERSITY IN THE WORLD MARKET -- DEPENDENCE ON OTHER COMPUTER-RELATED INDUSTRIES -- STANDARDIZATION -- INFRASTRUCTURE FOR THE INFORMATION AGE -- NOTES -- 5 Business and Marketing -- ISOLATING THE ISSUES -- Technology Management and Transfer -- Harnessing Complementary Assets -- An Argument for Cooperation -- Managerial Incentives and Short Time Horizons -- Learning from Failure and Responding to the Market -- The Role of Small Entrepreneurial Firms -- CONSOLIDATION AHEAD? -- NOTES -- 6 Turning Point -- AN ASSET AT RISK -- SETTING A COURSE FOR IMPROVEMENT -- Cooperation -- The Role of Government -- Manufacturing -- Standards -- Education -- CLOSING OBSERVATIONS -- Appendixes -- Appendix A Colloquium Program -- Appendix B Colloquium Participants -- Staff.

Sommario/riassunto

This book warns that retaining U.S. preeminence in computing at the beginning of the next century will require long-term planning, leadership, and collective will that cannot be attained with a business-as-usual approach by industry or government. This consensus emerged from a colloquium of top executives from the U.S. computer sector, university and industry researchers, and government policymakers. Among the major issues discussed are long-term, or strategic, commitment on the part of large firms in the United States; cooperation within and among firms and between industry, universities, and government; weaknesses in manufacturing and in the integration of research, development, and manufacturing; technical standards for both hardware and software manufacture and operation; and education and infrastructure (in particular, computer networks).
