

Gigabyte Motherboard User Guides

Provides information on using a PC, covering such topics as hardware, networking, burning CDs and DVDs, using the Internet, and upgrading and replacing parts.

Get complete coverage of the latest release of the CompTIA A+ exams inside this fully revised and updated resource. Written by the leading authority on CompTIA A+ certification and training, this expert guide covers CompTIA A+ exams 220-701 and 220-702. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, in-depth explanations, and more than 1,000 photographs and illustrations. Designed to help you pass the CompTIA A+ exams with ease, this definitive volume also serves as an essential on-the-job IT reference. Covers all exam objectives, including how to: Work with CPUs, RAM, motherboards, power supplies, and other PC components Install, partition, and format hard drives Install, upgrade, and troubleshoot Windows 2000, Windows XP, and Windows Vista Troubleshoot PCs and implement security measures Install video and multimedia cards Work with portable PCs, PDAs, smartphones, and wireless technologies Manage printers and connect to networks and the Internet Understand safety and environmental issues Establish good communication skills and adhere to privacy policies The download features: Practice exams for 701 & 702 600+ chapter review questions New video introduction to CompTIA A+ One-hour video training segment Mike's favorite PC tools and utilities Searchable e-book Mike Meyers, CompTIA A+, CompTIA Network+, MCP, is the industry's leading authority on CompTIA A+ certification and training. He is the president and founder of Total Seminars, LLC, a major provider of PC and network repair seminars for thousands of organizations throughout the world, and a member of CompTIA. An authoritative guide that prepares you for the Strata exam The CompTIA Strata certification relates to computer systems maintenance and is often the stepping stone for progression to CompTIA A+ certification. This study guide offers complete, authoritative coverage of the Strata exam objectives in clear and concise language. With this resource, you'll find all you need to know in order to succeed in the exam. Along with gaining preventative maintenance skills, you will also develop the tools to complete troubleshooting and resolve common issues. Addresses the five key parts of the CompTIA Strata certification Offers thorough coverage of the Strata exam in a clear and concise manner Prepares you for troubleshooting and resolving common user issues Features practical examples, exam highlights, and review questions to enhance your learning experience CompTIA Strata Study Guide is essential reading if you are preparing to take the Strata certification exam.

Carolyn Gillay and Bette Peat have teamed up again to write the Windows 2000 Professional version of their runaway bestseller Windows User's Guide to DOS. Like its predecessor, this book is aimed at the student who has had little or no experience in working with a computer at the operating system level. It is suitable for a three-credit, 16-week, semester-length course.

A Guide to Computer User Support for Help Desk and Support Specialists

CompTIA A+ Guide to IT Technical Support

Exams FC0-U41, FC0-U11, and FC0-U21

The Investigator's Guide to Computer Crime

Essential Skills for a Successful IT Career Mike Meyers, the leading authority on CompTIA A+ training and certification, has helped hundreds of thousands of people master CompTIA A+ PC technician skills—and now he can help you, too. Completely updated for the new CompTIA A+ standards, Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Second Edition will help you pass the CompTIA A+ certification exams and become an expert hardware technician. Inside, you'll find helpful on-the-job tips, end-of-chapter practice questions, and hundreds of photographs and illustrations. Learn how to: Work with CPUs, RAM, and motherboards Install, partition, and format hard drives Work with portable PCs, PDAs, and wireless technologies Install, upgrade, and troubleshoot Windows 2000 Professional and Windows XP Install sound and video cards Manage printers and connect to networks Implement security measures Understand safety and environmental issues Establish good communication skills and adhere to privacy policies The CD-ROM features: Eight full practice exams covering CompTIA A+ Essentials and Exams 220-602, 220-603, and 220-604 One hour of LearnKey video training featuring Mike Meyers teaching key CompTIA A+ topics Electronic copy of the book Complete exam objective map for all four exams List of official CompTIA A+ acronyms Useful tools and utilities for PC technicians Each chapter includes: Learning objectives Photographs and illustrations Real-world examples Try This! and Cross Check exercises Tech tips, notes, and warnings End-of-chapter quizzes and lab projects Presents information on choosing and buying computer components along with recommendations on specific brands and models.

Using a step-by-step, highly visual approach, Andrews/Dark Shelton/Pierce's bestselling COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 11th edition, teaches you how to work with users as well as install, maintain, troubleshoot and network computer hardware and software. Ensuring you are well prepared for 220-1101 and 220-1102 certification exams, each module covers core and advanced topics while emphasizing practical application of the most current technology, techniques and industry standards. You will study the latest hardware, security, Active Directory, operational procedures, basics of scripting, virtualization, cloud computing, mobile devices, Windows 10, macOS and Linux. The text provides thorough preparation for the certification exam -- and your future success as an IT support technician or administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Annotation "With the acceptance of computers in our everyday life, a new line of crime has emerged revolving around the computer. Just as computers make daily transactions more efficient, they have also made many crimes more efficient. This trend is likely to continue, and for that reason alone police investigators should make themselves better prepared for computer related crime investigations. Divided into four sections, this book proposes theoretical and practical information, interventions, directives, and ideas. This text will be a useful resource for law enforcement professionals, criminal justice students, security professionals, and private business."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved.

PC User's Bible

Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Third Edition (Exams 220-701 & 220-702)

Lab Manual for Security+ Guide to Network Security Fundamentals, 5th

Using the Command Line in Windows 2000 Professional

Computer Literacy BASICS: A Comprehensive Guide to IC3

In this book, Tony Sammes and Brian Jenkinson show how information held in computer systems can be recovered and how it may be deliberately hidden or subverted for criminal purposes. "Forensic Computing: A Practitioner's Guide" is illustrated by plenty of case studies and worked examples, and will help practitioners and students gain a clear understanding of: * how to recover information from computer systems in such a way as to ensure that its integrity cannot be challenged and that it will be accepted as admissible evidence in court * the principles involved in password protection and data encryption * the evaluation procedures used in circumventing these safeguards * the particular legal issues associated with computer-generated evidence and how to ensure admissibility of such evidence.

Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

PC Hardware in a Nutshell is the practical guide to buying, building, upgrading, and repairing Intel-based PCs. A longtime favorite among PC users, the third edition of the book now contains useful information for people running either Windows or Linux operating systems. Written for novices and seasoned professionals alike, the book is packed with useful and unbiased information, including how-to advice for specific components, ample reference material, and a comprehensive case study on building a PC.In addition to coverage of the fundamentals and general tips about working on PCs, the book includes chapters focusing on motherboards, processors, memory, floppies, hard drives, optical drives, tape devices, video devices, input devices, audio components, communications, power supplies, and maintenance. Special emphasis is given to upgrading and troubleshooting existing equipment so you can get the most from your existing investments.This new edition is expanded to include: Detailed information about the latest motherboards and chipsets from AMD, Intel, SIS, and VIA Extensive coverage of the Pentium 4 and the latest AMD processors, including the Athlon XP/MP Full details about new hard drive standards, including the latest SCSI standards, ATA/133, Serial ATA, and the new 48-bit "Big Drive" ATA interface Extended coverage of DVD drives, including DVD-RAM, DVD-R/RW, and DVD+R/RW Details about Flat Panel Displays, including how to choose one (and why you might not want to) New chapters on serial communications, parallel communications, and USB communications (including USB 2.0) Enhanced troubleshooting coverage PC Hardware in a Nutshell, 3rd Edition provides independent, useful and practical information in a no-nonsense manner with specific recommendations on components. Based on real-world testing over time, it will help you make intelligent, informed decisions about buying, building, upgrading, and repairing PCs in a cost effective manner that will help you maximize new or existing computer hardware systems. It's loaded with real-world advice presented in a concise style that clearly delivers just the information you want, without your having to hunt for it.

Unique guide to installing Apple's Mac OS X software on non-Apple hardware If you've always wished you could install Apple's rock solid Mac OS X on your non-Apple notebook, budget PC, or power-tower PC, wish no more. Yes, you can, and this intriguing book shows you exactly how. Walk through these step-by-step instructions, and you'll end up knowing more about Apple's celebrated OS than many of the most devoted Mac fans. You'll learn to build OS X-ready machines, as well as how to install, use, and program OS X. Now that Apple computers are based on the Intel platform, the same as most PCs, rogue developers in droves are installing Mac OS X on PCs, including those based on the AMD and Atom processors; this is the first book to show how to create an OSx86 machine running OS X Provides step-by-step instruction on the installation, use, and programming of OS X on your existing computer, as well as how to build OS X-ready machines Helps you avoid pitfalls and common problems associated with running Apple software on PC hardware Offers numerous practical hints, tips, and illustrations Create your own Hackintosh with this essential guide.

The Ultimate Guide on Building a PC

Lab Manual for Andrews' A+ Guide to Hardware, 6th

Creating a Hackintosh

A Practitioner's Guide

Mike Meyers' A+ Guide to Managing and Troubleshooting PCs, Second Edition

The perfect go-to reference to keep with your PC If you want to get the most out of your PC, you've come to the right source. This one-stop reference-tutorial is what you need to succeed with your Windows Vista or Windows XP computer, whether it's a desktop or a laptop. From setting up your PC to using it for games and multimedia to keeping it running smoothly, this comprehensive guide explains it all with clear, step-by-step instructions, tips from power users, and much more. Keep this valuable book on hand and power up with confidence! Understand your PC's components, inside and out Set up sound cards, speakers, and other audio gadgets Put a firewall in place and apply other security software Explore Microsoft(r) Windows and learn about options for other operating systems Play and create music, videos, podcasts, and more Print, scan, fax, make presentations, and download photos Protect your PC against theft, damage, and eavesdroppers Explore common troubleshooting issues and their solutions Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. 140+ Hands-On, Step-by-Step Labs, Fully Updated for the Core 1 and Core 2 Exams This practical workbook contains more than 140 labs that challenge you to solve real-world problems by applying key concepts. Thoroughly revised for the 220-1001 and 200-1002 exam objectives, this book maps directly to Mike Meyers' CompTIA A+® Guide to Managing and Troubleshooting PCs, Sixth Edition. You will get complete materials lists, setup instructions, and start-to-finish lab scenarios.

" Hint " and " Warning " icons guide you through tricky situations, and post-lab questions measure your knowledge. This manual covers: Hardware and OS Troubleshooting Professional Behavior Windows 7/8.1/10 Configuration and Maintenance macOS and Linux Configuration and Maintenance CPUs and RAM BIOS and UEFI Firmware Motherboards, Expansion Cards, and Ports Power Supplies and Mass Storage PC Assembly and Configuration Users, Groups, and Permissions Display Technologies Local Area and Wi-Fi Networking The Internet, Computer Security, and more

Essential Skills for a Successful IT Career Mike Meyers, the leading authority on CompTIA A+ training and certification, has helped hundreds of thousands of people master the skills covered on the CompTIA A+ exams--and now he can help you, too. Completely updated for the new CompTIA A+ standards, Mike Meyers' CompTIA A+(R) Guide: PC Technician will help you pass CompTIA A+ exams 220-602, 220-603, and 220-604 and become an expert computer technician. Inside, you'll find helpful on-the-job tips, end-of-chapter practice questions, and hundreds of photographs and illustrations. Learn how to: Work with CPUs, RAM, and motherboardsConfigure CMOS and BIOS settings Install internal devices and removable-media drivesProvide proper power and cooling Install and configure hard drives Work with the command-line interfaceTroubleshoot Windows 2000 Professional and Windows XP Work with portable PCs, PDAs, and wireless technologies Install sound and video cards Install and troubleshoot printers Connect to networks and manage Internet connectionsImplement security measuresEstablish good communication skills The CD-ROM features: Two full practice exams for each CompTIA A+ exam: 220-602, 220-603, and 220-604 One hour of LearnKey video training featuring Mike Meyers teaching key CompTIA A+ topics Electronic copy of the bookComplete exam objective mapList of official CompTIA A+ acronymsUseful tools and utilities for PC technicians Each chapter includes: Learning objectives Photographs and illustrations Real-world examples Try This! and Cross Check exercises Tech tips, notes, and warnings End-of-chapter quizzes and lab projects

Home theater enthusiasts with basic technical PC skills are shown how to set up an HTPC entertainment center.

Windows User's Guide to DOS

Choosing the Perfect Components

CompTIA Strata Study Guide Authorized Courseware

Mike Meyers' CompTIA A+ Guide: Practical Application, Third Edition (Exam 220-702)

HBase: The Definitive Guide

Discover a comprehensive introduction to IT technical support as Andrews/Dark/West's COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 10E explains how to work with users as well as install, maintain, troubleshoot and network computer hardware and software. This step-by-step, highly visual best-selling approach uses CompTIA A+ Exam objectives as a framework to prepare you for 220-1001 and 220-1002 certification exams. Each chapter covers core and advanced topics while emphasizing practical application of the most current technology, techniques and industry standards. You study the latest hardware, security, Active Directory, operational procedures, basics of scripting, virtualization, cloud computing, mobile devices and Windows 10 as you prepare for success as an IT support technician or administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Essential Skills for a Successful IT Career Written by CompTIA certification and training expert Mike Meyers, this instructive, full-color guide will help you pass the CompTIA A+ Practical Application exam and become an expert PC technician. Mike Meyers' CompTIA A+ Guide: Practical Application, Third Edition is completely up to date with the latest CompTIA A+ standards. Inside, you'll find helpful on-the-job tips, end-of-chapter practice questions, and hundreds of photographs and illustrations. Covers all CompTIA A+ Practical Application exam topics, including: CPUs and RAM Motherboards Power supplies Hard drives Windows command line Windows maintenance, troubleshooting, and security Input/output ports Video and multimedia Portable computing Printers Local Area Networking Wireless technologies Internet Computer security The CD-ROM features: Practice exam for 220-702 300+ chapter review questions New video introduction to CompTIA A+ One-hour video training segment Mike's favorite PC tools and utilities Searchable e-book Each chapter includes: Learning objectives Full-color photographs and illustrations Real-world examples Try This! and Cross Check exercises Tech tips, notes, and warnings End-of-chapter quizzes and lab projects

Bring your computer literacy course back to the BASICS. COMPUTER LITERACY BASICS: A COMPREHENSIVE GUIDE TO IC3 provides an introduction to computer concepts and skills, which maps to the newest Computing Core Certification (IC3) standards. Designed with new learners in mind, this text covers Computing Fundamentals, Key Applications, and Living Online – everything students need to pass the IC3 exam, and finish the course as confident computer users. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

BIOS (Basic Input Output System) is a very important tool that helps in initializing the computer. Whatever the form factor, every computer should have a BIOS for it to work. Initially BIOS was considered as a very simple basic code with very few settings to manipulate. Currently the sheer number of peripherals that are attached to a computer is mind boggling. BIOS has undergone lots of changes in order to make these peripherals work. Author has managed to simplify the various settings which are available under the hood of BIOS. All the various settings are discussed in detail with the help of screen shots. Two common BIOS manufacturer's settings (Gigabyte and Acer) are discussed. Other manufacturer's BIOS settings are more or less the same with minor modifications. Reading this book will help the reader to configure any BIOS settings out there. This book has been authored by a Non computer science professional who spent lots of his time tinkering and tweaking various BIOS settings. The result of the experience is this book. Entering the BIOS setup utility allows the user to change the boot process order as well as a wide variety of hardware settings. One caution is that it is not recommended for an inexperienced user to change settings in the BIOS. BIOS limitations which were inherent led to the creation of a new firmware interface called Unified Extensible Firmware Interface. This interface can boot from disks over 2-TB in size, has a graphical user interface with network capability, and is also backward and forward compatible. Currently UEFI is slowly replacing conventional BIOS. This book extensively discusses UEFI BIOS settings. Updating BIOS has become simple and safe with the inherent update tool. Users can now safely update their BIOS without the fear of damaging CMOS chips. Exact steps of the BIOS update process could vary from manufacturer to manufacturer, but they have been simplified and made fail safe. This book has been tailored for intermediate users with basic knowledge of computers who are capable of installing operating systems. Initially BIOS was purely text based with no GUI. Users needed to use the keyboard extensively to manipulate the settings. Current BIOS chips have GUI interfaces with mouse enabled. This made life of the user simple as settings can be manipulated by the click of a mouse button.

How to build A Computer Fast And Easy Guide

IBM Flex System p270 Compute Node Planning and Implementation Guide

Random Access to Your Planet-Size Data

OSx86

Use Your PC to Build an Incredible Home Theater System

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ Guide to IT Technical Support, 9th Edition closely integrates the CompTIA+ Exam objectives to prepare you for the 220-901 and 220-902 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. The new edition features more coverage of updated hardware, security, virtualization, new coverage of cloud computing, Linux and Mac OS, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes online labs and the optional MindTap that includes online labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician and administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Equip current and future user-support professionals with the critical people skills and exceptional technical knowledge necessary to provide outstanding support with Beisse's A GUIDE TO COMPUTER USER SUPPORT FOR HELP DESK AND SUPPORT SPECIALISTS, 6E. This useful guide focuses on the informational resources and technical tools students need most to function effectively in a support position. Readers develop the skills to handle troubleshooting and problem solving, successfully communicate with clients, determine a client's specific needs, and train end-users, as well as handle budgeting and other management priorities. Clear, balanced coverage in this edition highlights the latest trends and developments, from Web and e-mail-based support to assistance with Windows 7 and cloud computing. Engaging special features, such as Tips and On the Web Pointers, provide important insights, while new Discussion Questions and Case Projects encourage active participation in the learning process. Leading professional software HelpSTAR and Microsoft Office Project Professional 2010 accompany Beisse's A GUIDE TO COMPUTER USER SUPPORT FOR HELP DESK AND SUPPORT SPECIALISTS, 6E to reinforce the knowledge and skills your students need for success in today's user-support positions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. The bestselling CompTIA A+ reference and test preparation guide--fully revised for the new 2012 exam topics Written by the leading authority on CompTIA A+ certification and training, the new edition of this trusted resource offers complete, up-to-date coverage of CompTIA A+ exams 220-801 and 220-802. You 'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. Prepare for the exams with confidence! McGraw-Hill is a Gold-Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content to give you the competitive edge on exam day. This comprehensive guide also serves as an essential on-the-job reference after certification. Covers all exam objectives, including how to: Work with CPUs, RAM, BIOS settings, motherboards, power supplies, and other PC components Install, configure, and troubleshoot hard drives Manage input devices and removable media Install, upgrade, and troubleshoot Windows XP, Windows Vista, and Windows 7 Troubleshoot all common PC problems Install video and multimedia cards Work with smartphones, tablets, and other mobile devices Install and configure wired and wireless networks Connect to the Internet Protect your PC and your network Install, configure, and manage printers Work with virtualization technologies Understand safety and environmental issues Electronic content includes: Practice exams for 801 & 802 with hundreds of questions More than one hour of free video training from Mike Meyers A collection of Mike 's latest favorite shareware and freeware PC tools and utilities

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Upgrading and Fixing a PC in easy steps, 3rd edition

The Missing Manual

Basic Input Output System (BIOS)

A+ Guide to Managing & Maintaining Your PC

Mike Meyers' A+ Guide: PC Technician (Exams 220-602, 220-603, & 220-604)

Most computer users think that fiddling with the insides of their PC is taboo. They fear that by removing the screws that hold the case on, they're crossing into forbidden territory. And even for those who know they can open the box and fix or upgrade their PC, analysis paralysis often stops them in their tracks: Which upgrades offer the best bang for the buck? How do you pinpoint the faulty component that's making your system freeze? What about compatibility issues? Get ready to get unstuck and get your PC running fast and running right. Repairing and Upgrading Your PC delivers start-to-finish instructions, simple enough for even the most inexperienced PC owner, for troubleshooting, repairing, and upgrading your computer. Written by hardware experts Robert Bruce Thompson and Barbara Fritchman Thompson, this book covers it all: how to troubleshoot a troublesome PC, how to identify which components make sense for an upgrade, and how to tear it all down and put it back together. This book shows how to repair and upgrade all of your PC's essential components: Motherboard, CPU, and Memory. Choose the optimal match of these core components to keep your PC running at top speed Hard Drive, Optical Drive, and Removable Storage Give your computer what it needs for long-term and short-term storage Audio and Video. Enhance your computing experience with the right sound and graphics devices for your needs Input Devices. Pick the best keyboard and mouse to keep your hands happy and healthy Networking. Set up secure wireless networking to keep the bits flowing between your computers and the outside world Cases and Power Supplies. Keep everything running cool and reliably With its straightforward language, clear instructions, and extensive illustrations, this book makes it a breeze for PC owners of any skill level to work on their computer.

Essential Skills for a Successful IT Career Written by the leading authority on CompTIA A+ certification and training, this instructive, full-color guide will help you pass CompTIA A+ exam 220-801 and become an expert PC technician. Mike Meyers' CompTIA A+ Guide to 801: Managing and Troubleshooting PCs, Fourth Edition is completely up to date with the new CompTIA A+ standards. Inside, you'll find helpful on-the-job tips, end-of-chapter practice questions, and hundreds of photographs and illustrations. End-of-chapter solutions and answers are only available to instructors and do not appear in the book. Learn how to: Work with CPUs, RAM, BIOS settings, motherboards, power supplies, and other PC components Work with PCs safely using the proper tools Install and configure hard drives Manage input devices and removable media Install video and multimedia cards Install and configure wired and wireless networks Connect to the Internet Manage and maintain portable PCs Install, configure, and manage printers Protect your PC and your network Build and customize specialized PCs Electronic content features: Practice exams for 801 with hundreds of questions An "Introduction to CompTIA A+" video by Mike Meyers Links to Mike's latest favorite shareware and freeware PC tools and utilities Adobe Digital Editions eBook—free download (subject to Adobe system requirements) Each chapter includes: Learning objectives Photographs and illustrations Real-world examples Try This! and Cross Check exercises Key terms highlighted Tech Tips, Notes, and Warnings Exam Tips End-of-chapter quizzes and lab projects

Many people unnecessarily spend money buying a new computer when their current PC can be upgraded to meet their requirements. This title takes the reader through this process in simple stages. Many of us would spend more time fixing a ten-dollar pen than repairing or upgrading a thousand dollar computer. Delving inside a PC seems so forbidding that many people would rather avoid it at any cost, even though replacing computer parts is so easy that, with the proper guidance, even technophobes can do it. Upgrading & Fixing a PC in easy steps provides all the information one needs to do just that. A must for all PC users. Upgrading & Fixing a PC in easy steps enables you to keep your PC at the cutting-edge by explaining how to replace components or add new ones. Its simple, illustrated instructions and nifty sidebars teach you to identify, locate, and install the relevant parts to make your computer faster, more versatile, and more powerful. But this book isn't just a handy how-to manual; it's a consumer guide. In truly easy steps, it teaches you to evaluate the performance, storage, and networking needs of your PC yourself. Upgrading & Fixing a PC in easy steps even provides you with a money-saving tutorial on your various buying options and a separate chapter on troubleshooting nasty problems. When one considers the high price and inconvenience of computer store visits, it's no wonder that we think of this both a learning tool and an investment.

The Laboratory Manual is a valuable tool designed to enhance your lab experience. Lab activities, objectives, materials lists, step-by-step procedures, illustrations, and review questions are commonly found in a Lab Manual. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A Desktop Quick Reference

MYP Personal Project

PC Hardware Buyer's Guide

A+ Guide to IT Technical Support (Hardware and Software)

Maximum PC

The Lab Manual is a valuable tool designed to enhance your lab experience. Lab activities, objectives, materials lists, step-by-step procedures, illustrations, and review questions are commonly found in a Lab Manual. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

If you're looking for a scalable storage solution to accommodate a virtually endless amount of data, this book shows you how Apache HBase can fulfill your needs. As the open source implementation of Google's BigTable architecture, HBase scales to billions of rows and millions of columns, while ensuring that write and read performance remain constant. Many IT executives are asking pointed questions about HBase. This book provides meaningful answers, whether you're evaluating this non-relational database or planning to put it into practice right away. Discover how tight integration with Hadoop makes scalability with HBase easier Distribute large datasets across an inexpensive cluster of commodity servers Access HBase with native Java clients, or with gateway servers providing REST, Avro, or Thrift APIs Get details on HBase's architecture, including the storage format, write-ahead log, background processes, and more Integrate HBase with Hadoop's MapReduce framework for massively parallelized data processing jobs Learn how to tune clusters, design schemas, copy tables, import bulk data, decommission nodes, and many other tasks

Essential Skills for a Successful IT Career Written by CompTIA certification and training expert Mike Meyers, this instructive, full-color guide will help you pass the CompTIA A+ exams and become an expert hardware technician. Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Third Edition is completely up to date with the latest CompTIA A+ standards. Inside, you'll find helpful on-the-job tips, end-of-chapter practice questions, and more than 1,000 photographs and illustrations.

Learn how to: Work with CPUs, RAM, motherboards, power supplies, and other PC components Install, partition, and format hard drives Install, upgrade, and troubleshoot Windows 2000, Windows XP, and Windows Vista Troubleshoot PCs and implement security measures Install video and multimedia cards Work with portable PCs, PDAs, smartphones, and wireless technologies Manage printers and connect to networks and the Internet Understand safety and environmental issues Establish good communications skills and adhere to privacy policies The CD-ROM features: Practice exams for 701 & 702 600+ chapter review questions New video introduction to CompTIA A+ One-hour video training segment Mike's favorite PC tools and utilities Searchable e-book Each chapter includes: Learning objectives Full-color photographs and illustrations Real-world examples Try This! and Cross Check exercises Tech tips, notes, and warnings End-of-chapter quizzes and lab projects Mike Meyers, CompTIA A+, CompTIA Network+, MCP, is the industry's leading authority on CompTIA A+ certification and training, and the bestselling author of seven editions of CompTIA A+ All-in-One Exam Guide. He is the president and founder of Total Seminars, LLC, a major provider of PC and network repair seminars for thousands of organizations throughout the world, and a member of CompTIA.

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ GUIDE TO HARDWARE, Ninth Edition, closely integrates the CompTIA A+ Exam objectives to prepare students for the 220-901 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage students to learn by doing. The new edition features more coverage of updated hardware, security, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes, online labs and the optional MindTap that includes labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

PC Hardware in a Nutshell

CompTIA A+ Certification All-in-One Exam Guide, Seventh Edition (Exams 220-701 & 220-702)

A+ Guide to Hardware

Mike Meyers' CompTIA A+ Guide to 801 Managing and Troubleshooting PCs, Fourth Edition (Exam 220-801)

PC Technician (Exams 220-602, 220-603, And 220-604)

Build your very own custom PC- How you want, and the freedom to do it where you want while avoiding frustration and complex steps. Are you on a budget but you want to buy your dream pc but its to expensive. Now is your chance to build your very own custom PC for personal, business, or entertainment use. This is the perfect guide to help you finally set up the perfect PC with out the hassle or the demands of being a computer wiz kid. We have a very easy step by step chapter by chapter guide that will turn you into a PC building genie. Chapter previews- Chapter 1- Choosing the parts Chapter 2- Building the physical computer Chapter 3- Preparation Chapter 4- Inner Construction Chapter 5- Choosing and installing the computer's software Chapter 6- Security Chapter 7- Optimizing and Overclocking With this easy step guide its impossible not to make the custom pc you always wanted. Try it now!

Explains how to determine upgrade needs, enhance operating systems, increase memory storage, add and change peripherals, and troubleshoot common problems

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ GUIDE TO MANAGING AND MAINTAINING YOUR PC closely integrates the CompTIAA+ Exam objectives to prepare you for the 220-801 and 220-802 certification exams. The new Eighth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. Supported by a wide range of supplemental resources to enhance learning—including innovative tools, interactive exercises and activities, and online study guides—this proven text offers an ideal way to prepare you for success as a professional PC repair technician. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Building a PC is the most coolest thing that a person can do. It might seem a bit intimidating but it's not! Using this guide people are going to be able to plan and build a PC according to their needs and preferences in a painless manner. The guide informs people the entire process of building a PC from choosing and getting components, to assembling the PC. It includes tips and suggestions on the process of assembling a PC and gives the person recommendations on selecting the appropriate components to install in their build.

The Complete Idiot's Guide to Upgrading and Repairing PCs

Laboratory Manual on Biotechnology

CompTIA A+ Certification All-in-One Exam Guide, 8th Edition (Exams 220-801 & 220-802)

COMPTIA A+ Guide to Information Technology Technical Support

PC Mag

Build a PC that will outperform any brand-name box on the market Yes, even if you're not a total geek you can build your own PC -- and we guarantee it's worth the effort. You'll discover that the quality is better and the cost is much lower than any comparable off-the-shelf PC you can buy. Design the custom computer you want, and have fun doing it. Get high-quality PC hardware from local stores and online vendors Plan your computer project with a complete checklist Create the ideal PC that will run Windows 7 or Linux Take advantage of the latest multi-core CPUs Assemble, test, and configure your PC with ease Build a PC that meets your needs and fits your budget Written by hardware experts, this book delivers complete instructions for building your own dream machine with high-quality components, whether it's a PC for general use, extreme gaming, a media center, or home server. Straightforward language, clear directions, and easy-to-follow illustrations make this guide a breeze for computer builders of any skill level, even those with no experience. Building the Perfect PC presents six in-depth custom PC projects: Mainstream PC -- Fast, flexible, quiet, and reliable at a reasonable price Extreme System -- A wicked fast PC for video editing, gaming, and more Media Center -- One PC to replace your TiVo, game console, DVD, and CD player Home Server -- Ideal home network hub to store, share, and secure data Appliance PC -- A tiny, quiet, inexpensive PC you can put anywhere Budget System -- Reliable and highly functional at a low, low price

To meet today's complex and ever-changing business demands, you need a solid foundation of compute, storage, networking, and software resources that is simple to deploy and can quickly and automatically adapt to changing conditions. You also need to make full use of broad expertise and proven preferred practices in systems management, applications, hardware maintenance, and more. The IBM® Flex System p270 Compute Node is an IBM Power Systems™ server that is based on the new dual-chip module POWER7+™ processor and is optimized for virtualization, performance, and efficiency. The server supports IBM AIX®, IBM i, or Linux operating environments, and is designed to run various workloads in IBM PureFlex™ System. The p270 Compute Node is a follow-on to the IBM Flex System™ p260 Compute Node. This IBM Redbooks® publication is a comprehensive guide to the p270 Compute Node. We introduce the related Flex System offerings and describe the compute node in detail. We then describe planning and implementation steps including converged networking, management, virtualization, and operating system installation. This book is for customers, IBM Business Partners, and IBM technical specialists who want to understand the new offerings and plan and implement an IBM Flex System installation that involves the Power Systems compute nodes.

Repairing and Upgrading Your PC

Forensic Computing

PCs

Building the Perfect PC

Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs Lab Manual, Sixth Edition (Exams 220-1001 & 220-1002)