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# Computer Motherboard Repairing

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Upgrading and Repairing PCs, Academic Edition  
Fixing Your Computer Absolute Beginner's Guide  
Troubleshooting, Maintaining & Repairing PCs  
Upgrading and Repairing Servers  
Microcomputer Repair  
Computer Service and Repair  
Repairing and Upgrading Your PC  
Start & Run a Computer Repair Service  
Laptop Repair Complete Instructions: ( Russian Version)  
How to Repair a Laptop  
Upgrading and Repairing PCs  
Computercare's Laptop Repair Workbook  
Upgrading and Repairing PCs  
Build It. Fix It. Own It  
PC Operation and Repair  
Fix Your Own Computer For Seniors For Dummies  
Troubleshooting and Repairing Notebook, Palmtop, and Pen Computers  
How To Become a Laptop Technician; Learning Schematic  
Troubleshooting, Maintaining, and Repairing PCs  
Computer Repair Smartiepants  
D.I.Y Laptop Repair; The Portable Field Reference Guide  
Haynes Computer Manual  
The PC and Gadget Help Desk  
Computer Repair with Diagnostic Flowcharts Third Edition  
Worlds First Complete Guide to Laptop and Notebook Repair  
Upgrading and Repairing Laptops  
Easy PC Maintenance and Repair  
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Fix Your Own PC  
Start Your Own Computer Repair Business  
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Pc Upgrade & Repair Black Book (W/Cd)  
Upgrade and Repair Your PC  
Build a PC with Scott Mueller

## Repairing PCs,

**Academic Edition** Que Publishing

Upgrading and Repairing PCs is the runaway best-selling PC hardware book of all time and one of the best-selling computer books ever! This 15th Edition is loaded with the most up-to-date hardware information anywhere. World-renowned PC hardware expert Scott Mueller has taught thousands in his weeklong seminars and millions through his books, videos and articles. This edition contains hundreds of pages of new material, including the latest in processor and motherboard technologies. The DVD offers you more than two hours of high quality video plus a searchable hard drive database, a searchable vendor database, and thousands of pages of legacy PC hardware coverage that can no longer be included in the printed book, but that are invaluable to PC techs servicing older computers!

McGraw-Hill Companies  
A unique visual approach to troubleshooting PC hardware problems.

Morris Rosenthal creates a visual expert system for diagnosing component failure and identifying

conflicts. The seventeen diagnostic flowcharts at the core of this book are intended for the intermediate to advanced hobbyist, or the beginning technician. Following a structured approach to troubleshooting hardware reduces the false diagnoses and parts wastage typical of the "swap 'till you drop" school of thought.

Flowcharts include: Power Supply Failure, Video Failure, Video Performance, Motherboard, CPU, RAM Failure, Motherboard, CPU, RAM Performance, IDE Drive Failure, Hard Drive Boot and Performance, CD or DVD Playback, CD or DVD Recording Problem, Modem Failure, Modem Performance, Sound Failure, Sound and Game Controller Performance, Network Failure, Peripheral Failure, SCSI Failure and Conflict Resolution.

Fixing Your Computer Absolute Beginner's Guide  
Self-Counsel Press

This book will educate you on the Correct Process of Repairing The Entire Laptop, Including and concentrating more on Motherboard Repair Instruction, Screen Repairing, Component Level Diagnosing and

Repairing. This is the 3rd Book Released By Author Garry Romaneo, The Worlds Leading Laptop Repair Technician, Author, and Consultant. The book will take you through the laptops disassembly process, Explaining in detail how to disassemble all laptops. You will then be taught all about Liquid Spills to Laptops. What to do, What not to do, How to Remove Liquid and How To Repair Any Damage from Liquid to parts or components. You will be shown all the various tools to be used in laptop repair both hand tools and electronic tools explained. This book will then explain the entire upper end repairing techniques. Replacing screens - how to- then it will show you in great detail how to disassembly the screen and repair or replace the LCD ccfl Bulb, the book will also discuss LED screens. You will be taught step by step how to solder a motherboard whether it is the components or the dc jack. The DC Jack Repair/Desoldering instructions are included. Most importantly, this book will teach you laptop motherboard repairing techniques. Learn to identify the parts and components on the

motherboard, learn component replacement, motherboard testing techniques and more. This book also includes the authors Patented/Copyrighted and Trademarked Laptop Video Chip/GPU Motherboard Online Repair instruction. There is alot more included (Part Identification, Hard Drive Failure Issues etc...)so check it out now. Going Above And Beyond CompTia A+ Certification !!!

### **Troubleshooting, Maintaining & Repairing PCs**

AuthorHouse  
As the price of servers comes down to the level of desktop PCs, many small- and medium-sized businesses are forced to provide their own server setup, maintenance and support, without the high-dollar training enjoyed by their big corporation counterparts. *Upgrading and Repairing Servers* is the first line of defense for small- and medium-sized businesses, and an excellent go-to reference for the experienced administrators who have been asking for a reference guide like this one for a long time! It's all here in one, incredibly useful tome that you will refer to again and again.

Inside is in-depth coverage of server design and implementation, building and deploying, server hardware components, network and backup operations, SAN, fault tolerance, server racks, server rooms, server operating systems, as well as SUN Microsystems servers. No other computer hardware book has ever dared tackle this enormous topic - until now!

### **Upgrading and Repairing Servers**

McGraw-Hill Companies  
COMPUTER REPAIR Smartiepants was written for the computer novice. COMPUTER REPAIR Smartiepants will teach the computer challenged person or senior how to diagnose and repair over 85% of all computer problems without requiring the assistance of a computer store or technical guru. This book was written by a Computer Store owner whose stores have serviced over 50,000 computers, tablets, phones and monitors since 1988. No technical expertise is necessary to follow the instructions provided. The reader will learn the "Three Golden Rules" for staying out of computer trouble, how to diagnose any problem

(not just computers) and how to recover when a computer crashes with a minimum of effort. The reader will also learn how to diagnose whether a computer problem is hardware or software related, how to repair or re-install Windows, how to remove viruses, spyware and malware, how to speed up a computer., how to get free online help with a computer problem you can't diagnose, the best free programs and online websites, the real cost of "free stuff", how to get priority treatment from a manufacturer, questions to ask at a computer service counter (if you need to use one) and how to determine if a computer is worth fixing in the first place. Other useful information includes how to retrieve data from a broken computer, how to properly return a computer for warranty repair, how to select a printer and save money on printer ink and toner, how to quickly fix web browser and wireless problems, mistakes users make that junk up their computers, social media blunders, desktop versus notebook repairs, how to use a trainer and when not to use onsite service. Also covered is basic

hardware repair, how to learn Windows without a trainer, online safety, extended warranties, PCs versus Apple and the most important Windows screen to learn. Also covered are minor repairs for printers and how to select a printer based off ink and toner costs, repairs on Smartphones, Tablets, and in-home Internet problems. Finally the book covers how to diagnose most problems within 5 minutes, websites for ongoing free computer help, access to free ongoing blog help and how to hire the author if low cost high quality computer assistance is required. A must read for any computer challenged person that would like more control over a cranky computer. The author has 30 years experience repairing computers. His clientele was primarily seniors and computer challenged people and **COMPUTER REPAIR Smartiepants** was written for them. [Microcomputer Repair](#) Que Publishing  
Written by bestselling author Ron Gilster, the **PC Technician Black Book** is an excellent bench top companion for any PC repairperson or home hobbyist. This no-

nonsense guide helps you set up, upgrade and repair PCs. It is ready reference featuring step-by-step guides for troubleshooting, diagnosing and repairing many of the most common PC problems. Plus, it provides you with in-depth background information on the different hardware technologies found in today's personal computer, without overwhelming you with nonessential information. [Computer Service and Repair](#) "O'Reilly Media, Inc."  
Learn to diagnose and fix simple PC problems with this easy-to-follow guide. When something goes wrong with your computer, it's frustrating and potentially expensive. With **Fix Your Own Computer For Seniors For Dummies**, you can find out what's wrong, how to fix it, whether you need to call in professional help, and how to practice preventive maintenance. This friendly guide avoids techie jargon and shows you how to diagnose the problem, find out whether the software or hardware is at fault, make simple repairs, and add external devices such as scanners, printers, and hard drives. It also helps you maintain

your computer through basic steps like defragmenting the hard drive and cleaning out files - techniques that can prevent a lot of problems from occurring in the first place. Written specifically for first-time computer users, this book explains how to diagnose basic PC problems, understand error messages, and fix common issues. Specific step-by-step procedures guide you through basic repairs such as replacing the hard drive. Explains common mistakes and how to avoid them. Outlines the steps for preventive maintenance, such as how to defragment the hard drive, clean files, delete old files, and organize files. Explores ways to expand and enhance a computer with external devices including hard drives, Web cameras, Web phones, scanners, printers, flash drives and other hardware. Shows what you can fix yourself and when to seek help from a repair service or the manufacturer. Easy to read and follow, **Fix Your Own Computer For Seniors For Dummies** will boost your confidence when dealing with your computer and with professional technicians, too.

Repairing and Upgrading Your PC D.I.Y Laptop Repair; The Portable Field Reference Guide  
Teaches people how to diagnose, repair and upgrade their PCs with step-by-step instruction.  
Start & Run a Computer Repair Service Que Publishing

The updated edition of the classic visual manual for troubleshooting PC hardware problems.

Morris Rosenthal creates a visual expert system for diagnosing component failure and identifying conflicts. The seventeen diagnostic flowcharts at the core of this book are intended for the intermediate to advanced hobbyist, or the beginning technician. Following a structured approach to troubleshooting hardware reduces the false diagnoses and parts wastage typical of the "swap 'till you drop" school of thought.

Flowcharts include: Power Supply Failure, Video Failure, Video Performance, Motherboard, CPU, RAM Failure, Motherboard, CPU, RAM Performance, IDE Drive Failure, Hard Drive Boot and Performance, CD, DVD or Blu-ray Playback, CD or DVD Recording Problem, Modem Failure, Modem

Performance, Sound Failure, Sound and Game Controller Performance, Network Failure, Peripheral Failure, SCSI Failure, and Conflict Resolution. Computer Repair with Diagnostic Flowcharts is used as a classroom text in colleges and technical schools and by the U.S. government for training forensic technicians. It's also a favorite reference with consumers and technicians all over the world.

*Laptop Repair Complete Instructions: ( Russian Version)* Que Publishing  
Fix your own computer—without becoming a technical expert! This book is the fastest way to save money on computer repairs, avoid unnecessary frustration, and keep using perfectly good equipment instead of throwing it away! Even if you're completely non-technical, you'll learn how to get the job done, one incredibly clear and easy step at a time. Computer repair and maintenance has never, ever been this simple! ¿ Who knew how simple fixing your computer could be? ¿ This is the easiest, most practical beginner's guide to fixing your own computer... simple,

reliable instructions and crystal-clear pictures that show you exactly how to do it yourself! Here's a small sample of what you'll learn: •¿¿ Maintain your computer so it's less likely to break in the first place •¿¿ Perform simple "ounce of prevention" tasks now, so it's easier to fix problems later •¿¿ Learn simple troubleshooting techniques for figuring out what's wrong •¿¿ Find the right tools (you might already have them!) •¿¿ Buy the right parts without spending more than you have to •¿¿ Fix aggravating Windows startup problems •¿¿ Smoothly recover from PC crashes •¿¿ Perform basic hardware repairs or upgrades at home, often in minutes •¿¿ Install a new hard disk, CD/DVD drive, or Blu-ray drive •¿¿ Speed up your computer by adding memory or upgrading its processor •¿¿ Troubleshoot and fix network and Internet connection problems •¿¿ And much more... ¿ Paul McFedries is a full-time technical writer and passionate computer tinkerer. He has authored more than 80 computer books that have sold more than 4 million copies. His recent titles include My Office 2013

RT, Windows 8 In Depth, Microsoft Windows 7 Unleashed, Microsoft Home Server 2011 Unleashed, and Tweak It and Freak It: A Killer Guide to Making Windows Run Your Way. He is also proprietor of Word Spy ([www.wordspy.com](http://www.wordspy.com)), a website that tracks new words and phrases as they enter the English language. ¿

[How to Repair a Laptop](#)  
Goodheart-Wilcox  
Publisher

Owing to the rapidly changing nature of PCs, this second edition has been revised and extended in order to continue its role as an essential guide for use with modern PCs. PC Operation and Repair provides a concise analysis of the operation of personal computer systems, their upgrading and repair. It guides the reader logically from the computer numbering system and basic digital principles to the working, application and testing of PCs. Current techniques in computer architecture and design are covered, including pentium based computers. The book also provides a thorough explanation of the installation and configuration of complete PC systems including

modems, and CD-ROM and DVD devices. For this edition, material has been added on networking, operating systems, peripheral devices and logic devices. ISDN and ADSL is also covered in more detail. Among the material provided is information on testing and fault finding on PCs, *Upgrading and Repairing PCs* TAB/Electronics Beyond cutting edge, Mueller goes where no computer book author has gone before to produce a real owner's manual that every laptop owner should have. This book shows the upgrades users can perform, the ones that are better left to the manufacturer, and more.

**Computercare's Laptop Repair Workbook** John Wiley & Sons

This is a hands-on professional-level troubleshooting and repair guide for all IBM personal computers and compatibles. It includes a CD-ROM that contains more than 150 shareware diagnostic tools.

*Upgrading and Repairing PCs* Que Publishing

The book was released due to the need for a "REAL" Laptop Repair Book. I myself have read every book released, and Not one will instruct you on how to repair the

Laptops internal Components, as all the books available relating to Laptop Repair were written by Desktop Computer Technicians that have No Business writing a Laptop Repair Book! I do not want to mislead anyone into buying my book(s), I happen to know Laptop Repair, and have released this book to teach the "unknown" to the rest of the world. This book goes into great detail on the repairing of the Laptops Motherboard and it's many failures and faults. This book will show you not only how to repair a Laptop Computer, it will instruct you on how to repair the Laptops Motherboard. This is the only book released to date that will show you the components of a Laptop Motherboard and how to Properly Test, Diagnose and Repair any issue that may arise. You will learn how to properly troubleshoot the most commonly occurring issues and achieve sucesful repair results. The book will teach you what tools are used and how to use the tools. It will teach you the proper way to solder and more importantly how to desolder micro components. You will

learn my Patented/Trademarked and Copyrighted DIY Video Chip/GPU Reflow Of the BGA method (not like the YouTube Knucklehead methods floating around out there). This Book is a first of it's kind, the other books claiming to be Laptop Repair Books do not show you Motherboard Repairing, which 99% of the time you will need to know. They Do not show you step by step instructions on repairing major issues such as any occurring Motherboard issue, This book however does. This Book shows you step by step instructions on DC Jack repairing, screen repairing, motherboard repairing and all other related issues. Amust have for any aspiring Technician or any Do It Yourselfer.The target audience that would benefit from this book would include: current and aspiring computer repair technicians and facilities, Schools, Colleges, Laptop Repair technicians and all other areas of the IT (internet technology) field. The book was written to allow a novice or even the one-timer to be able to follow along and achieve successful results.Going Above And Beyond

CompTia A+ Certification !!!  
*Build It. Fix It. Own It*  
 Lulu.com  
 Explains how to upgrade and repair processors, memory, connections, drives, multimedia cards, and peripherals.  
PC Operation and Repair  
 John Wiley & Sons  
 Using easy to understand, step-by-step explanations, graphics to illustrate concepts, reinforcement questions, hands-on exercises and practice certification review questions, Covering the latest technology with an increased emphasis on A+ certification, this easy-to read resource provides excellent instruction for individuals who want further preparation for the A+ certification exam and a clear understanding of computer and peripheral installation, configuration, and repair. · Introduction to Computer Repair · On the Motherboard · System Configuration · Disassembly/Reassembly · Basic Electronics and Power · Logical Troubleshooting · Memory · Floppy Drives · Hard Drives · Multimedia Devices · Serial Devices, Mice, and Keyboards · Video · Printers  
Fix Your Own Computer For Seniors For Dummies  
 Computer Operation

Consultants  
 This revised and expanded edition provides the computer and information-literate student with an application-driven approach to the essentials of microcomputers and their repair.  
*Troubleshooting and Repairing Notebook, Palmtop, and Pen Computers* Pearson Education  
 D.I.Y Laptop Repair; The Portable Field Reference GuideLulu.comLaptop Repair Complete Guide; Including Motherboard Component Level Repair!Createspace Independent Publishing Platform  
**How To Become a Laptop Technician; Learning Schematic**  
 Pearson Education  
 A Do-It-Yourself Guide To Troubleshooting and Repairing Your EASY, comprehensive technology troubleshooter! PCs, smartphones, tablets, networks, cameras, home theater and more—all in one book! We all use technology—and we all have problems with it. Don't get frustrated... and don't waste money on costly repair or support calls! Solve the problems yourself, with the one guide that makes it easy:

The PC and Gadget Help Desk. Using clear pictures, handy “symptom tables,” and easy-to-use flowcharts, Mark Edward Soper walks you step-by-step through identifying, solving, and preventing hundreds of today’s most aggravating tech problems. Soper covers all your major platforms: iPhones, iPads, Android devices, Windows systems, and more. He even helps you fix the weird problems that happen when you use them together! Regain lost Internet access and fix broken Wi-Fi connections Solve problems with viewing and sharing media or other files Track down power problems wherever they arise Troubleshoot printing problems and print from smartphones or tablets Fix missing video or audio on your HDTV or home theater system Get syncing working right on your Apple or Android device Improve your PC’s 3D gaming performance Identify and replace flaky memory chips Prevent overheating that can damage your equipment

Solve common problems with digital cameras and DV camcorders Troubleshoot iOS or Android antennas, updates, screens, and connectivity Get FaceTime working right on your iPhone or iPad Troubleshoot eReaders and display your eBooks on additional devices Sensibly decide whether to upgrade, repair, or replace Mark Edward Soper has spent 30 years as an instructor and corporate trainer, helping thousands of people work more happily with personal technology. He is the author of PC Help Desk in a Book, and is the co-author of Leo Laporte’s PC Help Desk, as well as more than 25 other books on Windows, digital imaging, networking, the Internet, IT certification, and computer troubleshooting. Soper is a CompTIA A+ Certified computer technician and Microsoft Certified Professional. BONUS ONLINE VIDEOS: Includes access to free, studio-quality how-to videos that make troubleshooting and repair even easier!

### **Troubleshooting,**

### **Maintaining, and Repairing PCs**

John Wiley & Sons This is a fully comprehensive instructional course in getting into the business of repairing all makes of laptops. Chip-level Training will be customized for your present knowledge of electronics. If you go through the fundamental track , all the power electronic components will be introduced before we move to the logics section. After you become comfortable with power electronics the logic session follows . It is an intensive coverage into the intricate details of chip-level service of the laptops. This involves detailed circuit tracing , signal analysis , replacement of SMD devices and all the tips and tricks our service engineers acquired from the years of experiences. the session makes you confident enough to chip-level service the new generation notebooks from Lenova , Compaq, HP , Toshiba ,Sony and the like .

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