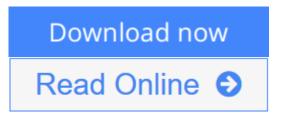# Upgrading and Repairing PCs (22nd Edition)

By Scott Mueller

Upgrading and Repairing PCs (22nd Edition) By Scott Mueller

DVD-ROM Includes **3 hours** of new how-to video

For more than 25 years, *Upgrading and Repairing PCs* has been the world's #1 guide to PC hardware: The single source for reliable information on how PCs work, troubleshooting and fixing problems, adding hardware, optimizing performance, and building new PCs. This 22nd edition offers beefed-up coverage of the newest hardware innovations and maintenance techniques, plus more than two hours of new video.

Scott Mueller delivers practical answers about PC processors, mother-boards, buses, BIOSes, memory, SSD and HDD storage, video, audio, networks, Internet connectivity, power, and much more. You'll find the industry's best coverage of diagnostics, testing, and repair—plus cutting-edge discussions of improving PC performance via overclocking and other techniques.

Mueller has taught thousands of professionals in person and millions more through his books and videos—*nobody knows more about keeping PCs running perfectly*. Whether you're a professional technician, a small business owner trying to save money, or a home PC enthusiast, this is the only PC hardware book you need!

NEW IN THIS EDITION

- The newest processors, including Intel's latest Core i Haswell processors and AMD's Kaveri core processors.
- Everything you need to know about the latest GPU technology from NVIDIA and AMD, including developments in OpenGL, DirectX, and Mantle.
- New firmware innovations like the InSyde BIOS, Back to BIOS buttons, and all the updated settings available for the newest processors and chipsets.
- The latest in updated home networking standards, from blazing fast 802.11ac Wi-Fi to HomeGrid and G.hn powerline networking.
- Ever larger storage, thanks to new technologies like helium-filled hard disks, shingled magnetic recording, and Cfast and XQD for flash memory.
- Emerging interfaces such as mSATA, USB 3.1, and M.2
- Updated coverage of building PCs from scratch—from choosing and

assembling hardware through BIOS setup and troubleshooting

ON THE DVD

Get 3 hours of up-to-the minute, studio-quality how-to videos—all playable on your DVD player or computer! In this edition, Scott Mueller delivers a complete seminar on PC troubleshooting, teaching you how to identify and resolve an array of common and not-so-common PC problems.
From detailed explanations on all the tools that should be a basic part of any PC toolkit, to all the critical rules you should follow to safely operate on your PC's internal components, in these videos Scott Mueller ensures you are equipped with everything you need to know to successfully resolve your PC's problems.
From there, Scott takes you through a complete disassembly of an All-in-One (AiO) system, showing just what you can do to keep these specialized systems running smoothly. Finally, there is a detailed look at today's ultra-fast solid state disk drives (SSD) and the benefits they bring to modern systems.
This DVD also contains the complete 19th and 20th editions of this book in printable form, plus extensive technical reference material, a comprehensive glossary, and more!

"…continually revised and updated to reflect the ever-changing PC landscape. A resource from my PC repair days, Scott Mueller's tome is one of the books that has stayed on my bookshelf
throughout the years."
—Adam Overa, Managing Editor, *Tom's Hardware*

Download Upgrading and Repairing PCs (22nd Edition) ...pdf

Read Online Upgrading and Repairing PCs (22nd Edition) ...pdf

Upgrading and Repairing PCs (22nd Edition)

By Scott Mueller

Upgrading and Repairing PCs (22nd Edition) By Scott Mueller

DVD-ROM Includes **3 hours** of new how-to video

For more than 25 years, *Upgrading and Repairing PCs* has been the world's #1 guide to PC hardware: The single source for reliable information on how PCs work, troubleshooting and fixing problems, adding hardware, optimizing performance, and building new PCs. This 22nd edition offers beefed-up coverage of the newest hardware innovations and maintenance techniques, plus more than two hours of new video.

Scott Mueller delivers practical answers about PC processors, mother-boards, buses, BIOSes, memory, SSD and HDD storage, video, audio, networks, Internet connectivity, power, and much more. You'll find the industry's best coverage of diagnostics, testing, and repair—plus cutting-edge discussions of improving PC performance via overclocking and other techniques.

Mueller has taught thousands of professionals in person and millions more through his books and videos—*nobody knows more about keeping PCs running perfectly*. Whether you're a professional technician, a small business owner trying to save money, or a home PC enthusiast, this is the only PC hardware book you need!

NEW IN THIS EDITION

- The newest processors, including Intel's latest Core i Haswell processors and AMD's Kaveri core processors.
- Everything you need to know about the latest GPU technology from NVIDIA and AMD, including developments in OpenGL, DirectX, and Mantle.
- New firmware innovations like the InSyde BIOS, Back to BIOS buttons, and all the updated settings available for the newest processors and chipsets.
- The latest in updated home networking standards, from blazing fast 802.11ac Wi-Fi to HomeGrid and G.hn powerline networking.
- Ever larger storage, thanks to new technologies like helium-filled hard disks, shingled magnetic recording, and Cfast and XQD for flash memory.
- Emerging interfaces such as mSATA, USB 3.1, and M.2
- Updated coverage of building PCs from scratch—from choosing and assembling hardware through BIOS setup and troubleshooting

ON THE DVD

Get 3 hours of up-to-the minute, studio-quality how-to videos—all playable on your DVD player or computer! In this edition, Scott Mueller delivers a complete seminar on PC troubleshooting, teaching you how to identify and resolve an array of common and not-so-common PC problems.
From detailed explanations on all the tools that should be a basic part of any PC toolkit, to all the critical rules you should follow to safely operate on your PC's internal components, in these videos Scott Mueller ensures you are equipped with everything you need to know to successfully resolve your PC's problems.

From there, Scott takes you through a complete disassembly of an All-in-One (AiO) system, showing just what you can do to keep these specialized systems running smoothly. Finally, there is a detailed look at today's ultra-fast solid state disk drives (SSD) and the benefits they bring to modern systems.
This DVD also contains the complete 19th and 20th editions of this book in printable form, plus extensive technical reference material, a comprehensive glossary, and more!

"…continually revised and updated to reflect the ever-changing PC landscape. A resource from my PC repair days, Scott Mueller's tome is one of the books that has stayed on my bookshelf
throughout the years."
—Adam Overa, Managing Editor, *Tom's Hardware*

Upgrading and Repairing PCs (22nd Edition) By Scott Mueller Bibliography

- Sales Rank: #29578 in Books
- Published on: 2015-07-17
- Original language: English
- Number of items: 1
- Dimensions: 9.20" h x 2.60" w x 7.20" l, 5.17 pounds
- Binding: Hardcover
- 1176 pages

⬇ **Download** Upgrading and Repairing PCs (22nd Edition) ...pdf

📄 **Read Online** Upgrading and Repairing PCs (22nd Edition) ...pdf

Download and Read Free Online Upgrading and Repairing PCs (22nd Edition) By Scott Mueller

Editorial Review

About the Author

Scott Mueller is the president of Mueller Technical Research (MTR), an international research and corporate training firm. Since 1982, MTR has produced the industry's most in-depth, accurate, and effective seminars, books, articles, videos, and FAQs covering PC hardware and data recovery. MTR maintains a client list that includes Fortune 500 companies, U.S. and foreign governments, major software and hardware corporations, as well as PC enthusiasts and entrepreneurs. Scott's seminars have been presented to several thousands of PC support professionals throughout the world.

Scott personally teaches seminars nationwide covering all aspects of PC hardware (including troubleshooting, maintenance, repair, and upgrade), A+ Certification, and data recovery/forensics. He has a knack for making technical topics not only understandable, but entertaining; his classes are never boring! If you have ten or more people to train, Scott can design and present a custom seminar for your organization.

Although he has taught classes virtually nonstop since 1982, Scott is best known as the author of the longest-running, most popular, and most comprehensive PC hardware book in the world, *Upgrading and Repairing PCs*, which has become the core of an entire series of books, including *Upgrading and Repairing PCs*, *Upgrading and Repairing Laptops*, and *Upgrading and Repairing Windows*.

Scott's premiere work, *Upgrading and Repairing PCs*, has sold more than two million copies, making it by far the most popular and longest-running PC hardware book on the market today. Scott has been featured in *Forbes* magazine and has written several articles for *PC World* magazine, *Maximum PC* magazine, the Scott Mueller Forum, various computer and automotive newsletters, and the *Upgrading and Repairing PCs* website.

Contact MTR directly if you have a unique book, article, or video project in mind or if you want Scott to conduct a custom PC troubleshooting, repair, maintenance, upgrade, or data-recovery seminar tailored for your organization:

Mueller Technical Research:

Web: www.muellertech.com
Email: info@muellertech.com
Forum: www.forum.scottmueller.com

Scott has a forum exclusively for his readers at www.forum.scottmueller.com. Anybody can view the forum, but posting is available only to registered members.

If you have suggestions or comments about the book or new book or article topics you would like to see covered, send them to info@muellertech.com.

Users Review

From reader reviews:

Alex Lynch:

This Upgrading and Repairing PCs (22nd Edition) are usually reliable for you who want to be considered a successful person, why. The reason why of this Upgrading and Repairing PCs (22nd Edition) can be on the list of great books you must have is giving you more than just simple reading food but feed an individual with information that might be will shock your preceding knowledge. This book will be handy, you can bring it almost everywhere and whenever your conditions in e-book and printed versions. Beside that this Upgrading and Repairing PCs (22nd Edition) forcing you to have an enormous of experience such as rich vocabulary, giving you test of critical thinking that we all know it useful in your day task. So , let's have it and enjoy reading.

Mary Sylvester:

Playing with family in a park, coming to see the coastal world or hanging out with friends is thing that usually you might have done when you have spare time, after that why you don't try thing that really opposite from that. One activity that make you not sense tired but still relaxing, trilling like on roller coaster you have been ride on and with addition associated with. Even you love Upgrading and Repairing PCs (22nd Edition), you can enjoy both. It is good combination right, you still desire to miss it? What kind of hang type is it? Oh seriously its mind hangout people. What? Still don't get it, oh come on its called reading friends.

Beverly Barber:

Reading a book being new life style in this yr; every people loves to go through a book. When you learn a book you can get a great deal of benefit. When you read guides, you can improve your knowledge, mainly because book has a lot of information on it. The information that you will get depend on what forms of book that you have read. If you want to get information about your study, you can read education books, but if you act like you want to entertain yourself you can read a fiction books, these kinds of us novel, comics, and soon. The Upgrading and Repairing PCs (22nd Edition) provide you with new experience in examining a book.

Johnny Cahill:

In this period globalization it is important to someone to receive information. The information will make a professional understand the condition of the world. The condition of the world makes the information simpler to share. You can find a lot of personal references to get information example: internet, paper, book, and soon. You will observe that now, a lot of publisher which print many kinds of book. The actual book that recommended to your account is Upgrading and Repairing PCs (22nd Edition) this guide consist a lot of the information on the condition of this world now. That book was represented how does the world has grown up. The words styles that writer use for explain it is easy to understand. Often the writer made some exploration when he makes this book. That's why this book suited all of you.

Download and Read Online Upgrading and Repairing PCs (22nd Edition) By Scott Mueller #SIW6908321M

Read Upgrading and Repairing PCs (22nd Edition) By Scott Mueller for online ebook

Upgrading and Repairing PCs (22nd Edition) By Scott Mueller Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Upgrading and Repairing PCs (22nd Edition) By Scott Mueller books to read online.

Online Upgrading and Repairing PCs (22nd Edition) By Scott Mueller ebook PDF download

Upgrading and Repairing PCs (22nd Edition) By Scott Mueller Doc

Upgrading and Repairing PCs (22nd Edition) By Scott Mueller Mobipocket

Upgrading and Repairing PCs (22nd Edition) By Scott Mueller EPub

SIW6908321M: Upgrading and Repairing PCs (22nd Edition) By Scott Mueller