Upgrading and Repairing PCs (21st Edition)

By Scott Mueller

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For 25 years, *Upgrading and Repairing PCs* has been the world's #1 guide to PC hardware: The single source for reliable information on troubleshooting and fixing problems, adding hardware, optimizing performance, and building new PCs. Now, better than ever, this 21st edition offers beefed-up coverage of the newest hardware innovations and maintenance techniques, plus more than two hours of new DVD video.

Scott Mueller delivers practical answers about PC processors, mother-boards, buses, BIOSes, memory, SSD and HDD storage, video, audio, I/O, input devices, 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 performance via overclocking and other techniques.

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- New firmware innovations, from full UEFI BIOS support to built-in motherboard flash BIOS upgrade utilities
- Integrated video and audio, including 5.1/7.1 surround sound, HDMI, and DisplayPort connections, and Windows 8 compatible multi-touch touchscreen technology
- Updated PCI Express 3.0, 4.0 interfaces, and Power Supply specifications for powering high-end video cards
- Emerging interfaces such as SATA Express, USB 3.0, and Thunderbolt
- Updated coverage of building PCs from scratch—from choosing and assembling hardware through BIOS setup and troubleshooting

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