

### **8th Generation Intel Core Proc Essors**

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.

This document brings together a set of latest data points and publicly available information relevant for Hybrid Cloud Infrastructure Industry. We are very excited to share this content and believe that readers will benefit from this periodic publication immensely.

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This book focuses on the principles of wireless sensor networks (WSNs), their applications, and their analysis tools, with meticulous attention paid to definitions and terminology. This book presents the adopted technologies and their manufacturers in detail, making WSNs tangible for the reader. In introductory computer networking books, chapter sequencing follows the bottom-up or top-down architecture of the 7-layer protocol. This book addresses subsequent steps in this process, both horizontally and vertically, thus fostering a clearer and deeper understanding through chapters that elaborate on WSN concepts and issues. With such depth, this book is intended for a wide audience; it is meant to be a helper and motivator for senior undergraduates, postgraduates, researchers, and practitioners. It lays out important concepts and WSN-related applications; uses appropriate literature to back research and practical issues; and focuses on new trends. Senior undergraduate students can use it to familiarize themselves with conceptual foundations and practical project implementations. For graduate students and researchers, test beds and simulators provide vital insights into analysis methods and tools for WSNs. Lastly, in addition to applications and deployment, practitioners will be able to learn more about WSN manufacturers and components within several platforms and test beds.

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Gain the fundamental concepts of object-oriented programming with examples in Java. This second edition comes with detailed coverage and enhanced discussion on fundamental topics such as inheritance, polymorphism, abstract classes, interfaces, and packages. This edition also includes discussions on multithread programming, generic programming, database programming, and exception handling mechanisms in Java. Finally, you will get a quick overview of design patterns including the full implementation of some important patterns. Interactive Object-Oriented Programming in Java begins with the fundamental concepts of object-oriented programming alongside Q&A sessions to further explore the topic. The book concludes with FAQs from all chapters. It also contains a section to test your skills in the language basics with examples to understand Java fundamentals including loops, arrays, and strings. You'll use the Eclipse IDE to demonstrate the code examples in the book. After reading the book, you will have enhanced your skills in object-oriented programming in Java and you will be able to extend them in interesting ways. What You Will Learn Discover object-oriented programming with Java Test your programming skills Crack Java-based interviews with confidence Use the Eclipse IDE to write code and generate output Who This Book Is For Novice to intermediate programmers, software developers, and software testers.

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Fully updated to cover the 2019 exam release! CompTIA's A+ certification is an essential certification to building a successful IT career. Test takers must pass both 90-question exams to be certified, and this book—plus online test bank—will help you reach your certification goal. The 9 minibooks map to the exam's objectives, and include new content on Windows 10, Scripting, Linux, and mobile devices. You'll learn about how computers work, networking, computer repair and troubleshooting, security, permissions, and customer service. You'll also find test-taking advice and a review of the types of questions you'll see on the exam. Use the online test bank to test your knowledge and prepare for the exam

Get up to speed on operating system basics Find out how to manage the operating system Discover maintenance and troubleshooting tips Inside is all the knowledge you need to pass the new A+ exam!

This book introduces the state-of-the-art in research in parallel and distributed embedded systems, which have been enabled by developments in silicon technology, micro-electro-mechanical systems (MEMS), wireless communications, computer networking, and digital electronics. These systems have diverse applications in domains including military and defense, medical, automotive, and unmanned autonomous vehicles. The emphasis of the book is on the modeling and optimization of emerging parallel and distributed embedded

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systems in relation to the three key design metrics of performance, power and dependability. Key features: Includes an embedded wireless sensor networks case study to help illustrate the modeling and optimization of distributed embedded systems. Provides an analysis of multi-core/many-core based embedded systems to explain the modeling and optimization of parallel embedded systems. Features an application metrics estimation model; Markov modeling for fault tolerance and analysis; and queueing theoretic modeling for performance evaluation. Discusses optimization approaches for distributed wireless sensor networks; high-performance and energy-efficient techniques at the architecture, middleware and software levels for parallel multicore-based embedded systems; and dynamic optimization methodologies. Highlights research challenges and future research directions. The book is primarily aimed at researchers in embedded systems; however, it will also serve as an invaluable reference to senior undergraduate and graduate students with an interest in embedded systems research.

### SUCCEEDING IN BUSINESS WITH MICROSOFT OFFICE EXCEL 2013

prepares your students to solve business problems by moving beyond the basic point and click skills to think critically about realistic business situations. When students combine software analysis with their own decision making abilities, they

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are more likely meet any business challenge with success. The Succeeding in Business Series emphasizes problem-solving, critical thinking, and analysis - challenging students to find efficient and effective solutions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This textbook offers an insightful study of the intelligent Internet-driven revolutionary and fundamental forces at work in society. Readers will have access to tools and techniques to mentor and monitor these forces rather than be driven by changes in Internet technology and flow of money. These submerged social and human forces form a powerful synergistic foursome web of (a) processor technology, (b) evolving wireless networks of the next generation, (c) the intelligent Internet, and (d) the motivation that drives individuals and corporations. In unison, the technological forces can tear human lives apart for the passive or provide a cohesive set of opportunities for the knowledgeable to lead and reap the rewards in the evolved knowledge society. The book also provides in-depth coverage of the functions embedded in modern processors and intelligent communication networks. It focuses on the convergence of the design of modern processor technologies with the switching and routing methodologies of global intelligent networks. Most of the concepts that are generic to the design

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of terra-flop parallel processors and the terra-bit fiber-optic networks are presented. This book also highlights recent developments in computer and processor technologies into the microscopic and macroscopic medical functions in hospitals and medical centers. Examination of the latest technologies and innovations presented from academic and industrial perspectives of the concurrent dynamic changes in computer and communication industries An up-to-date and coherent perspective of the developments in the wireless and fiber optic network technologies based on the experience and developments in the older copper, cable and hybrid fiber-coaxial communication systems Provides a set of novel concepts and methodologies for the innovators in industry

This book constitutes the revised selected papers from the 14th International Conference on Risks and Security of Internet and Systems, CRiSIS 2019, held in Hammamet, Tunisia, in October 2019. The 20 full papers and 4 short papers presented in this volume were carefully reviewed and selected from 64 submissions. They cover diverse research themes that range from classic topics, such as risk analysis and management; access control and permission; secure embedded systems; network and cloud security; information security policy; data protection and machine learning for security; distributed detection system and blockchain.

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This book brings together intelligence systems and the Internet of Things, with special attention given to the opportunities, challenges, for education, business growth, and economic progression of nations which will help societies (economists, financial managers, engineers, ICT specialists, digital managers, data managers, policymakers, regulators, researchers, academics, and students) to better understand, use, and control AI and IoT to develop future strategies and to achieve sustainability goals. EAMMIS 2021 was organized by the Bridges Foundation in cooperation with the Istanbul Medeniyet University, Istanbul, Turkey, on March 19-20, 2021. EAMMIS 2021 theme was Artificial Intelligence Systems and the Internet of Things in the digital era. The papers presented at the conference provide a holistic view of AI education, MIS, cybersecurity, blockchain, Internet of Ideas (IoI), and knowledge management.

Current Research in Neuroadaptive Technology provides readers with insight into the state-of-the-art field of neuroadaptive technology. The book covers the breadth and depth of current research in this field, covering a range of application domains in sufficient technical detail. The multidisciplinary character of this field means that the publication of key research is often fragmented across specialist journals. Here, the editors have consolidated current research, carefully selecting key topics that are clustered around the concept of neuroadaptive technology. In

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summary, the book meets the needs of readers by consolidating multidisciplinary research around a nascent technological concept. The topic of neuroadaptive technology is novel and contemporary and editors Dr. Stephen H. Fairclough and Dr. Thorsten O. Zander have captured issues related to this emerging technology at the point of inception. It is a key reference for biomedical engineers and researchers in neural engineering, biomedical engineering, computer science, and mathematics. Includes applications of neuroadaptive technology in a variety of disciplines Comprises in-depth technical coverage of Passive Brain-Computer Interfaces, Physiological Computing, Affective Computing, Neurofeedback, and Closed-Loop Human-Computer Interaction Covers topics such as monitoring safety-critical behaviour, brain-computer interfaces, neurofeedback, virtual reality, neurostimulation, tangible interfaces, mobile brain-body imaging, system taxonomy and ethical implications of neuroadaptive technology Covers applied research using techniques such as: EEG, fNIRS, eye-tracking, psychophysiology, spontaneous radio frequency transmission and tDCS Written by engineers to help engineers, computer scientists, researchers and clinicians understand the technology and its applications

This book presents selected research papers on current developments in the fields of soft computing and signal processing from the Third International

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Conference on Soft Computing and Signal Processing (ICSCSP 2020). The book covers topics such as soft sets, rough sets, fuzzy logic, neural networks, genetic algorithms and machine learning and discusses various aspects of these topics, e.g., technological considerations, product implementation and application issues.

Based on the Fourth International Conference on Dynamics of Disasters, Kalamata, Greece, July 2019), this volume includes contributions from experts who share their latest discoveries on natural and unnatural disasters. Authors provide overviews of the tactical points involved in disaster relief, outlines of hurdles from mitigation and preparedness to response and recovery, and uses for mathematical models to describe natural and man-made disasters. Topics covered include economics, optimization, machine learning, government, management, business, humanities, engineering, medicine, mathematics, computer science, behavioral studies, emergency services, and environmental studies will engage readers from a wide variety of fields and backgrounds.

The four volume set LNCS 9947, LNCS 9948, LNCS 9949, and LNCS 9950 constitutes the proceedings of the 23rd International Conference on Neural Information Processing, ICONIP 2016, held in Kyoto, Japan, in October 2016. The 296 full papers presented were carefully reviewed and selected from 431

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submissions. The 4 volumes are organized in topical sections on deep and reinforcement learning; big data analysis; neural data analysis; robotics and control; bio-inspired/energy efficient information processing; whole brain architecture; neurodynamics; bioinformatics; biomedical engineering; data mining and cybersecurity workshop; machine learning; neuromorphic hardware; sensory perception; pattern recognition; social networks; brain-machine interface; computer vision; time series analysis; data-driven approach for extracting latent features; topological and graph based clustering methods; computational intelligence; data mining; deep neural networks; computational and cognitive neurosciences; theory and algorithms.

This step-by-step, highly visual text provides you with a comprehensive introduction to managing and maintaining computer hardware. Written by best-selling author and educator Jean Andrews, *A+ GUIDE TO HARDWARE*, Sixth Edition closely integrates the CompTIA A+ Exam objectives to prepare you for the hardware portions of the 220-801 and 220-802 certification exams. The new Sixth 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.

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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.

Now readers can master the computer concepts and Microsoft Office 2016 skills perfect for success in the classroom or workforce with the latest ILLUSTRATED COMPUTER CONCEPTS AND MICROSOFT OFFICE 365 & OFFICE 2016. This all-in-one book makes it simple to become proficient in both today's computer concepts and the MS Office skills most needed for professional success. Key application skills are clearly demonstrated using the user-friendly two-page spread found throughout this and all books in the popular Illustrated Microsoft Office 2016 Series. Today's most up-to-date technology developments and concepts are clarified using the distinctive step-by-step approach and material from COMPUTER CONCEPTS ILLUSTRATED BRIEF. This edition highlights updated Office 365 content with a new module that addresses Productivity Apps. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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This book constitutes the proceedings of the Second International Workshop on Advances in Simplifying Medical UltraSound, ASMUS 2021, held on September 27, 2021, in conjunction with MICCAI 2021, the 24th International Conference on Medical Image Computing and Computer-Assisted Intervention. The conference was planned to take place in Strasbourg, France, but changed to an online event due to the Coronavirus pandemic. The 22 papers presented in this book were carefully reviewed and selected from 30 submissions. They were organized in topical sections as follows: segmentation and detection; registration, guidance and robotics; classification and image synthesis; and quality assessment and quantitative imaging.

This two-volume set (CCIS 1367-1368) constitutes reviewed and selected papers from the 10th International Advanced Computing Conference, IACC 2020, held in December 2020. The 65 full papers and 2 short papers presented in two volumes were thoroughly reviewed and selected from 286 submissions. The papers are organized in the following topical sections: Application of Artificial Intelligence and Machine Learning in Healthcare; Using Natural Language Processing for Solving Text and Language related Applications; Using Different Neural Network Architectures for Interesting applications; ?Using AI for Plant and Animal related Applications.- Applications of Blockchain and IoT.- Use of Data Science for Building Intelligence Applications; Innovations in Advanced Network Systems; Advanced Algorithms for Miscellaneous Domains; New Approaches in Software Engineering.

Optimizing HPC Applications with Intel® Cluster Tools takes the reader on a tour of the fast-growing area of high performance computing and the optimization of hybrid programs. These programs typically combine distributed memory and shared memory programming models and

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use the Message Passing Interface (MPI) and OpenMP for multi-threading to achieve the ultimate goal of high performance at low power consumption on enterprise-class workstations and compute clusters. The book focuses on optimization for clusters consisting of the Intel® Xeon processor, but the optimization methodologies also apply to the Intel® Xeon Phi™ coprocessor and heterogeneous clusters mixing both architectures. Besides the tutorial and reference content, the authors address and refute many myths and misconceptions surrounding the topic. The text is augmented and enriched by descriptions of real-life situations.

Unofficial User Guide - Acer Aspire TC-885-ACCFLi30 Desktop PC comes with these specs: 8th Generation Intel Core i3-8100 Processor (3.6GHz, 6MB cache), Windows 10 Home, 24GB Total Memory: 16GB Intel Optane Memory and 8GB DDR4 2666MHz RAM Memory, Intel UHD Graphics 630, 8X DVD-Writer Double-Layer Drive (DVD-RW), 1TB 7200RPM SATA Hard Drive, High-Def Audio with 5.1-Channel Surround Sound Support, 1 - USB 3.1 Type C Gen 2 port (up to 10 Gbps) (Front), 1 - USB 3.1 Gen 2 Port (Front), 2 - USB 3.1 Gen 1 Ports (Rear), 4 - USB 2.0 Ports (Rear), 2 - HDMI Ports (Rear), 1 - VGA Port (Rear), 802.11ac WiFi, 10/100/1000 Gigabit Ethernet LAN (RJ-45 Port), Bluetooth 5.0, 300W Power Supply, USB Keyboard and Optical Mouse, 17.2 lbs. 7.8 kg (system unit only), 1 Year Parts and Labor Limited Warranty with Toll Free Tech Support (DT.BAPAA.023)

This book introduces the advantages of parallel processing and details how to use it to deal with common signal processing and control algorithms. The text includes examples and end-of-chapter exercises, and case studies to put theoretical concepts into a practical context.

Andrey Kolesnikov proposes an interesting unified approach and corresponding tools for

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modelling and effective generation of realistic workloads and traffic in networks. As a result of the general applicability in IP-based networks, the outcome of his research can be used for different service interfaces in combination with various workload models and modelling techniques. His work is both broad and deep in focus in order to demonstrate the application of the proposed approach in different realistic scenarios.

This book gathers the refereed proceedings of the Applied Informatics and Cybernetics in Intelligent Systems Section of the 9th Computer Science On-line Conference 2020 (CSOC 2020), held on-line in April 2020. Modern cybernetics and computer engineering in connection with intelligent systems are an essential aspect of ongoing research. This book addresses these topics, together with automation and control theory, cybernetic applications, and the latest research trends.

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for CompTIA IT Fundamentals FC0-U61 exam success with this CompTIA Cert Guide from Pearson IT Certification, a leader in IT Certification learning. Master CompTIA IT Fundamentals FC0-U61 exam topics Assess your knowledge with practice questions Review key concepts with exam preparation tasks Practice with realistic exam questions Get practical guidance for next steps and more advanced certifications CompTIA IT Fundamentals Cert Guide is a best-of-breed exam study guide. Leading IT certification expert Mark Edward Soper shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The

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book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this CompTIA study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. The CompTIA study guide helps you master all the topics on the IT Fundamentals exam, including: IT concepts and terminology, including data types, input, processing, output, storage, the value of data and information, and basic troubleshooting methods Infrastructure, including I/O hardware, peripheral setup/installation, internal computer components, Internet service types, storage types, computing devices, and networking Applications and software, including software management, operating system components, software types and uses, application architecture and delivery models, web browser configuration, application concepts, and best practices Software development concepts, including types of programming languages, programming organization techniques and logic, and basic programming concepts Database concepts, purposes, structures, and interfaces Security issues, including confidentiality, integrity, and availability; device security; behavioral security; authentication and authorization; password best practices; encryption; and business continuity concepts

This book constitutes the refereed proceedings of the 8th International Conference on Trust and Trustworthy Computing, TRUST 2015, held in Heraklion, Crete, Greece, in

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August 2015. The 15 full papers and 3 short papers presented in this volume were carefully reviewed and selected from 42 submissions. They were organized in topical sections named: hardware-enhanced trusted execution; trust and users; trusted systems and services; trust and privacy; and building blocks for trust. There are 7 two-page abstracts of poster papers included in the back matter of the volume.

Understanding Computers: Today and Tomorrow gives your students a classic introduction to computer concepts with a modern twist! Known for its emphasis on industry insight and societal issues, this text makes concepts relevant to today's career-focused students and has increased emphasis on mobile computing and related issues such as mobile commerce and mobile security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This book introduces readers to state-of-the-art cases and tools for managing innovation in today's rapidly changing business environment. It provides a wealth of methodological knowhow and guidance on practical applications, as well as case studies that reveal various challenges in technology and innovation management. Written by a mix of academic scholars and practitioners, the respective chapters present tools and approaches for the early detection of emerging fields of innovation, as well as relevant processes and resources. The contributing authors hail from leading innovative companies including Google, Amazon, Intel, Daimler-Benz, and NASA.

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In view of the growing presence and popularity of multicore and manycore processors, accelerators, and coprocessors, as well as clusters using such computing devices, the development of efficient parallel applications has become a key challenge to be able to exploit the performance of such systems. This book covers the scope of parallel programming for modern high performance computing systems. It first discusses selected and popular state-of-the-art computing devices and systems available today, These include multicore CPUs, manycore (co)processors, such as Intel Xeon Phi, accelerators, such as GPUs, and clusters, as well as programming models supported on these platforms. It next introduces parallelization through important programming paradigms, such as master-slave, geometric Single Program Multiple Data (SPMD) and divide-and-conquer. The practical and useful elements of the most popular and important APIs for programming parallel HPC systems are discussed, including MPI, OpenMP, Pthreads, CUDA, OpenCL, and OpenACC. It also demonstrates, through selected code listings, how selected APIs can be used to implement important programming paradigms. Furthermore, it shows how the codes can be compiled and executed in a Linux environment. The book also presents hybrid codes that integrate selected APIs for potentially multi-level parallelization and utilization of heterogeneous resources, and it shows how to use modern elements of these APIs. Selected optimization techniques are also included, such as overlapping communication and computations implemented using various APIs. Features: Discusses the popular and

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currently available computing devices and cluster systems Includes typical paradigms used in parallel programs Explores popular APIs for programming parallel applications Provides code templates that can be used for implementation of paradigms Provides hybrid code examples allowing multi-level parallelization Covers the optimization of parallel programs

This book constitutes the refereed proceedings of the 15th International Conference on Principles of Distributed Systems, OPODIS 2011, held in Toulouse, France, in December 2011. The 26 revised papers presented in this volume were carefully reviewed and selected from 96 submissions. They represent the current state of the art of the research in the field of the design, analysis and development of distributed and real-time systems.

This magazines is a specialist motoring magazine, we have always catered to the enthusiast in you and brought an unadulterated view of the world of motoring. Sharp, sassy, clean, wittier and edgier than ever before. Drive it home today!

This book presents modern approaches to improving the energy efficiency, safety and environmental performance of industrial processes and products, based on the application of advanced trends in Green Information Technologies (IT) Engineering to components, networks and complex systems (software, programmable and hardware components, communications, Cloud and IoT-based systems, as well as IT infrastructures). The book's 16 chapters, prepared by authors from Greece, Malaysia,

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Russia, Slovakia, Ukraine and the United Kingdom, are grouped into four sections: (1) The Green Internet of Things, Cloud Computing and Data Mining, (2) Green Mobile and Embedded Control Systems, (3) Green Logic and FPGA Design, and (4) Green IT for Industry and Smart Grids. The book will motivate researchers and engineers from different IT domains to develop, implement and propagate green values in complex systems. Further, it will benefit all scientists and graduate students pursuing research in computer science with a focus on green IT engineering.

This book gathers selected research papers presented at the First International Conference on Digital Technologies and Applications (ICDTA 21), held at Sidi Mohamed Ben Abdellah University, Fez, Morocco, on 29-30 January 2021. highlighting the latest innovations in digital technologies as: artificial intelligence, Internet of things, embedded systems, network technology, information processing, and their applications in several areas such as hybrid vehicles, renewable energy, robotic, and COVID-19. The respective papers encourage and inspire researchers, industry professionals, and policymakers to put these methods into practice.

This book constitutes the refereed conference proceedings of the 4th International Conference on Emerging Technologies in Computing, iCEtiC 2021, held in August 2021. Due to VCOVID-19 pandemic the conference was held virtually. The 15 revised full papers were reviewed and selected from 44 submissions and are organized in topical sections covering Information and Network Security; Cloud, IoT and Distributed Computing; AI, Expert Systems and Big Data Analytics

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This is the eBook version of the print title. Access to the media files found on the DVD included with print editions included with *Upgrading and Repairing PCs*, 21 Edition, is available through product registration—see instructions in back pages of your eBook. 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. **NEW IN THIS EDITION** • The newest processors, including Intel's 3rd generation Ivy Bridge Core i-Series processors and AMD's 2nd generation Trinity CPUs • 3TB (and larger) disks, 4K sectoring, partition alignment, faster SATA disk interfaces, and SSD (solid state drive) hard drive replacements • 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 **INCLUDED MEDIA** Don't forget about the free bonus content

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available online! You'll find a cache of helpful material to go along with this book. To access these materials at no extra cost, see the instructions included in the back pages of this ebook. You will be required to register your book and supply a code found in the instructions.

Download two hours of up-to-the minute, studio-quality how-to videos—all playable on your computer! In this edition, Scott Mueller offers true insider information about several of the key components in a PC, including motherboards, solid-state drives, and more. You also can download PDFs of the complete 19th and 20th editions of this book.

You just bought a Mac but you don't know... how to pass data from your old pc the BigSur operating system and would like to discover all the features If you don't want to waste time on dispersed online searches, here you have at your disposal the most complete and up-to-date guide on Apple's operating system. You will understand step-by-step how to best use your new device through simple and effective tips. Quality, innovation, design. If you have an Apple device in your hands, you know exactly what I'm talking about. It is certainly much more intuitive than others, BUT it is also true that not having an instruction booklet limits the discovery of functions that simplify many processes. The new Big Sur operating system represents a real revolution, so much so that it is considered one of the most important updates, if not the most important, in recent years, as well as the most advanced desktop OS in the world. Would you like to receive more information about it and, above all, would you like a guide to help you understanding how to install macOS Big Sur on your Mac? The point is: why do you have to try, if you can have all the information that will save you time and avoid unnecessary hassle? With this book you will have a step-by-step guide to help you better enjoy the experience with the BigSur operating system and get all the information that will allow you

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to make the most of it. Here's what you will find inside: • What's new in Mac Os Big Sur • Switching from Pc to Mac: the steps to do • The basics of the traditional features such as the desktop, finder, dock, launchpad and navigation • How to set up and use email, iMessage, and FaceTime video chat • Apple Services: how to access iCloud, listen to your music with • Apple Music and the iTunes Store • System preferences and parental controls • How to care about battery life and software updates ... and much more! You are a few steps to get started... Click the "Buy-now" button to avoid confusion and master your Mac today!

This book constitutes the proceedings of the 8th International Conference on Big Data Analytics, BDA 2020, which took place during December 15-18, 2020, in Sonapat, India. The 11 full and 3 short papers included in this volume were carefully reviewed and selected from 48 submissions; the book also contains 4 invited and 3 tutorial papers. The contributions were organized in topical sections named as follows: data science systems; data science architectures; big data analytics in healthcare; information interchange of Web data resources; and business analytics.

This book constitutes the refereed proceedings of the 8th International Conference on Augmented Reality, Virtual Reality, and Computer Graphics, AVR 2021, held in Italy, in September 2021. Due to COVID-19 pandemic the conference was held virtually. The 38 full and 14 short papers were carefully reviewed and selected from 69 submissions. The papers discuss key issues, approaches, ideas, open problems, innovative applications and trends in virtual reality, augmented reality, mixed reality, applications in cultural heritage, in medicine, in education, and in industry.

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