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file:///C:/Biz%20Client/2015/NewBalance/Info%20Dev%20Root/New%20Balance/SM/A00/EN/Source/index.htm[5/15/2015 11:40:53 AM]NOTE: A NOTE indicates important information that helps you make better use of your computer.CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are notReproduction of this material in any manner whatsoever without the written permission of Dell Inc. is strictly forbidden.Trademarks used in this text: Dell, the DELL logo, and Dell Precision are trademarks of Dell Inc.; Intel and Xeon are registered trademarks of IntelCorporation; Bluetooth is a registered trademark owned by Bluetooth SIG, Inc. and is used by Dell under license; Blu-ray Disc is a trademark of theBlu-ray Disc Association; Microsoft, Windows, Windows Server, MS-DOS, Aero, Windows Vista. and the Windows Vista start button are eitherOther trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Page 2Use the following safety guidelines to help protect your computer from potential damage and to help to ensure your personalWARNING: Before working inside your computer, read the safety information that shipped with yourCAUTION: Only a certified service technician should perform repairs on your computer. Damage due toCAUTION: To avoid electrostatic discharge, ground yourself by using a wrist grounding strap or byCAUTION: Handle components and cards with care. Do not touch the components or contacts on a card.CAUTION: When you disconnect a cable, pull on its connector or on its pull-tab, not on the cable itself.NOTE: The color of your computer and certain components may appear differently than shown in this document.1. Ensure that your work surface is flat and clean to prevent the computer cover from being scratched.2. Turn off your computer (see Turning Off Your Computer).CAUTION: To disconnect a network cable, first unplug the cable from your computer and then unplug the5. Disconnect your computer and all attached devices from their electrical outlets.6. Press and hold the power button while the system is unplugged to ground the system board.7. Remove the computer cover (see Removing and Replacing the Computer Cover).CAUTION: Before touching anything inside your computer, ground yourself by touching an unpainted metal Page 3Flash BIOS update program CD (see the Dell Support website at support.dell.com)CAUTION: To avoid losing data, save and close all open files and exit all open programs before you turn off, then click the arrow in the lower-right corner of the Start menu as shown below, and then clickClick Start® Turn Off Computer® Turn Off.2. Ensure that the computer and all attached devices are turned off. If your computer and attached devices did notAfter you complete any replacement procedure, ensure you connect any external devices, cards, and cables before turning on1. Replace the computer cover (see Removing and Replacing the Cover).CAUTION: To connect a network cable, first plug the cable into the network device and then plug it into the3. Connect your computer and all attached devices to their electrical outlets.5. Verify that the computer works correctly by running the Dell Diagnostics. See Dell Diagnostics. Page 4file:///C:/Biz%20Client/2015/NewBalance/Info%20Dev%20Root/New%20Balance/SM/A00/EN/Source/specs.htm[5/15/2015 11:40:57 AM]Two front-panel connectors for Page 5file:///C:/Biz%20Client/2015/NewBalance/Info%20Dev%20Root/New%20Balance/SM/A00/EN/Source/specs.htm[5/15/2015 11:40:57 AM]your Tablet-PC, click Start (or Start in Windows XP)® Help and Support, and then Page 6file:///C:/Biz%20Client/2015/NewBalance/Info%20Dev%20Root/New%20Balance/SM/A00/EN/Source/specs.htm[5/15/2015 11:40:57 AM]eSATA Page 7file:///C:/Biz%20Client/2015/NewBalance/Info%20Dev%20Root/New%20Balance/SM/A00/EN/Source/specs.htm[5/15/2015 11:40:57 AM]Off (no light) . System is not connected to a Page 9file:///C:/Biz%20Client/2015/NewBalance/Info%20Dev%20Root/New%20Balance/SM/A00/EN/Source/specs.htm[5/15/2015 11:40:57 AM]Operating 40 G +/- 5% with pulse duration of 2 msec Page 10file:///C:/Biz%20Client/2015/NewBalance/Info%20Dev%20Root/New%20Balance/SM/A00/EN/Source/index.htm[5/15/2015 11:40:53 AM]NOTE: A NOTE indicates important information that helps you make better use of your computer.CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are notReproduction of this material in any manner whatsoever without the written permission of Dell Inc. is strictly forbidden.Trademarks used in this text: Dell, the DELL logo, and Dell Precision are trademarks of Dell Inc.; Intel and Xeon are registered trademarks of IntelCorporation; Bluetooth is a registered trademark owned by Bluetooth SIG, Inc. and is used by Dell under license; Blu-ray Disc is a trademark of theBlu-ray Disc Association; Microsoft, Windows, Windows Server, MS-DOS, Aero, Windows Vista. and the Windows Vista start button are eitherOther trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Share — copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt — remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution — You must give appropriate credit , provide a link to the license, and indicate if changes were made . You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. Affordable Power and Performance 2 Visual Realism with High-Performance OpenGl Graphics 3 Outstanding Scalability in a Compact Chassis 3 Peace of Mind through ISV Application Certification 3 Dell Precision T3500 Key Features 4 Applications and ISV Certifications 5 Power Efficiency and Productivity in Proven Reliable Designs 7 Hard Drives and Removable Storage 19 External System I/O Ports 20 Broadcom 5761 Gigabit Ethernet Controller 20 Integrated High Definition Audio 21 System Level Environmental and Operating Conditions 24 Detailed Engineering Specifications 24 Your computer might emit a series of beeps that identify a problem. One possible series (code 1-3-1) consists of one beep, a burst of three beeps, and then one beep. This series tell you that the computer encountered a memory problem.If a beep code is emitted, write it down and look it up under "Beep Codes" in the User's Guide.Error MessagesIf an error occurs during start-up, a message may be displayed on the monitor identifying the problem. See "Error Messages" in the User's Guide for suggestions on resolving any problems.Diagnostic LightsTo help you troubleshoot a problem, your computer is equipped with four lights on the back panel labeled "A," "B," "C," and "D." These lights can be yellow or green. When the computer starts normally, the lights flash. After the computer starts, the lights remain green. If the computer malfunctions, the color and sequence of the lights identify the problem. CAUTION: Before you begin any of the procedures in this section, follow the safety instructions in the System Information Guide.NOTE: If the message is not listed, see the documentation for either the operating system or the program that was running when the message appeared.Page 2Comment faire pour...SolutionOù trouver des informationssupplémentaires ?c o m s u p p o r t . e u r o . d eTrouver des informations sur le matériel et autres caractéristiques techniques de mon ordinateur ?Votre Guide d'utilisation présente un tableau des caractéristiques, dont le but est de fournir des informations plus détaillées sur votre ordinateur et sur le matériel. Pour retrouver votre Guide d'utilisation, reportez-vous à la section « Trouver des informations et de l'aide » page 33.Reportez-vous au site Web du support technique de Dell et utilisez l'un des outils d'assistance suivants : lisez les livres blancs relatifs aux dernières technologies en date ou communiquez avec d'autres utilisateurs Dell sur le salon de discussion.Trouver de la documentationLa documentation suivante estpour mon ordinateur ?disponible pour votre ordinateur. • Guide d'utilisation• Guide de configuration et de référence rapide• Guide d'informations du système• Étiquette d'informationsdu système• Guide techniqueEn cas de perte de votre documentation, vous pourrez la retrouver sur le site Web du support technique de Dell à l'adresse support.euro.dell.com.Guide de configuration et de référence rapide The Dell Precision series stands out as a cornerstone in the realm of high-performance mobile workstations. Engineered primarily for professionals who demand unparalleled performance and reliability, the Precision lineup caters to a wide variety of industries, including engineering, architecture, content creation, and data science.One of the hallmark features of the Dell Precision series is its robust processing power. Equipped with Intel's latest Core i7 and i9 processors, as well as Xeon options, these workstations offer exceptional speed and efficiency, capable of handling the most demanding applications. Coupled with NVIDIA's professional-grade GPUs, such as the Quadro series, users experience advanced graphics performance, essential for tasks like 3D rendering and complex simulations.The Precision series also places a premium on memory and storage capabilities. Users can choose configurations with up to 128GB of RAM, ensuring seamless multitasking and efficient handling of large datasets or extensive projects. Additionally, the inclusion of high-speed SSDs enhances performance significantly, delivering rapid boot times and quick access to files. With options for RAID configurations available, data integrity and redundancy can be easily managed, providing peace of mind for critical applications.Another notable feature of the Dell Precision series is its full HD and 4K display options. These screens boast exceptional color accuracy and clarity, vital for graphic designers and video editors who require precise visuals for their work. Touchscreen capabilities and anti-glare coatings further enhance the user experience, allowing for greater flexibility and comfort during extended use.Connectivity is also a strong suit for the Precision line. With multiple USB ports, Thunderbolt 4, HDMI, and Ethernet options, users can easily connect various peripherals and accessories. The inclusion of Wi-Fi 6 enables fast and stable wireless connections, which is crucial for professionals who work in remote environments or require seamless access to cloud-based applications.In terms of design, Dell has focused on creating a device that balances durability with aesthetics. The premium build quality ensures longevity, while features like a backlit keyboard and spacious touchpad enhance usability. Furthermore, the Dell Precision series benefits from Dell's Reliable Memory Technology, safeguarding against memory errors and enhancing stability during intensive tasks.Overall, the Dell Precision series exemplifies what a mobile workstation should be: powerful, flexible, and reliable. With its cutting-edge technologies and designed features tailored for professional users, it remains a top choice in the competitive landscape of high-performance computing. Whether for detailed CAD work, large-scale data analysis, or high-resolution video editing, the Dell Precision series guarantees to meet the needs of even the most demanding users.