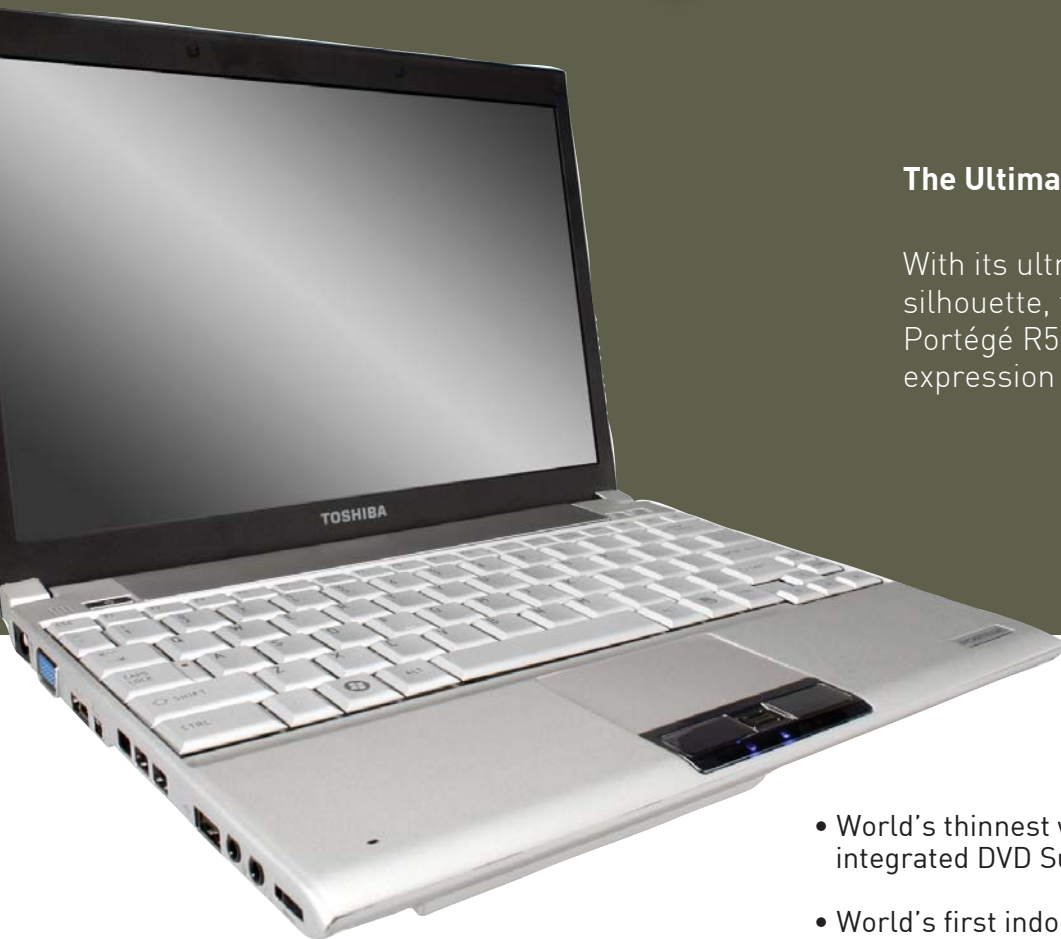


**TOSHIBA**  
Leading Innovation >>>



## Portégé® R500-S5004



### The Ultimate Ultraportable.

With its ultralight design and stunning silhouette, the feather light 2.4 pound<sup>10</sup>, Portégé R500 Series is the transcendent expression of executive mobility and style.

- World's thinnest widescreen 12.1" Notebook PC with integrated DVD SuperMulti drive
- World's first indoor/outdoor Transreflective widescreen 12.1" LED backlit display
- Tremendous battery life
- Executive durability (3rd Generation Toshiba EasyGuard® Technology<sup>12</sup>)
- Ultra-compact Motherboard



Toshiba recommends Windows Vista™ Business.

# Portégé<sup>®</sup> R500-S5004

## System Characteristics<sup>1</sup>

### Part Number & UPC

- Part Number: PPR50U-02M01W
- UPC: 032017953307

### Operating System

- Genuine Windows Vista™ Business (32-bit version)

### Processor and Chipset<sup>2</sup>

- Intel® Centrino® Duo processor technology featuring:
  - Intel® Core™ 2 Duo Processor U7600
  - 1.20GHz, 2MB L2, 533MHz FSB with 64-bit<sup>3</sup>
- Mobile Intel® 945GMS Express Chipset
- Intel® Wireless WiFi Link 4965AGN (802.11a/g/n)

### Memory<sup>4</sup>

- Configured with 2048MB PC2-5300 DDR2 SDRAM (Single memory slot occupied)
- 2048MB (Min)/2048MB (Max), 1024MB on motherboard with one available memory slot occupied with 1024MB PC2-5300 memory module

### Hard Disk Drive<sup>5</sup>

- 64GB Solid State Drive (SSD)

### Fixed Optical Disk Drive<sup>6</sup>

- DVD SuperMulti (+/-R) drive supporting 9 formats
- Maximum speed and compatibility: CD-ROM (24x), CD-R (24x), CD-RW (10x), DVD-ROM (8x), DVD-R (8x), DVD-RW (4x), DVD+R (8x), DVD+RW (4x), DVD-RAM (3x)

### Display<sup>7</sup>

- 12.1" diagonal widescreen highbrightness display at 1280 x 800 resolution (WXGA) – Transreflective type
- LED backlight

### Graphics<sup>8</sup>

- Intel® Graphics Media Accelerator 950 with 64MB-251M dynamically allocated shared graphics memory

### Sound

- Built-in monaural speaker
- Sound Volume Control Dial
- Built-in microphone

### Input Devices

- 85 key US keyboard
- TouchPad™ pointing device
- TouchPad™ Enable/Disable
- Control Buttons:
  - Toshiba Assist button
  - Outdoor Display Switch

### Communications

- Intel® PRO/1000 - 10/100/1000 Ethernet
- Intel® Wireless WiFi Link 4965AGN (802.11a/g/n)<sup>9</sup>
- Bluetooth® version 2.0 plus Enhanced Data Rate (EDR)

### Expandability

- One PCMCIA – Type II/Type I Card Slot
- Secure Digital slot (supports SDIO)

### Ports

- Video
  - RGB (monitor) output port
- Audio
  - Microphone input port
  - Headphone output port
- Data
  - i.LINK™ IEEE-1394
  - USB v2.0 – 3 ports
  - 64-pin docking connector
- Security
  - Fingerprint reader

### Physical Description

- Dimensions (WxDxH Front/H Rear): 11.1" x 8.5" x .77"(f)/1.0"(r) without feet
- Weight: Starting at 2.4 lbs, depending upon configuration<sup>10</sup>
- LCD Cover Color: Aluminum Silver

### Power Supply

- 45W (15V x 3A) 100-240V AC Adapter
- Dimensions (WxDxH): 3.66" x 1.09" x 1.57"
- Weight: starting at 0.4 lbs

### Battery<sup>11</sup>

- (5800mAh) Lithium Ion battery pack
- Dimensions (WxDxH): 8.1" x .79" x 1.72"
- Weight: starting at 0.69 lbs

### Toshiba EasyGuard<sup>®12</sup>

- Protect & Fix
  - Shock Absorbing Design<sup>13</sup>
  - HDD Shock Absorber
  - LCD Panel Shock Absorber
  - Chassis Shock Protector
  - Hard Disk Drive Protection
  - 3D Accelerometer
  - HDD Dome Shock Protector
  - HDD Shock Absorber
  - Spill-Resistant Keyboard<sup>14</sup>
  - Magnesium Alloy Casework
- Secure
  - Multiple-Level Password Utilities
  - Fingerprint Reader (includes software for password and identity management)
  - AuthenTec EntréPad® TruePrint® technology
  - Infineon TPM Software Professional Package
  - Trusted Platform Module (TPM v1.2)
  - TOSHIBA Secure Digital Token Utility
  - Execute Disable Bit
  - Optional Services and Accessories (additional purchase required): CompuTrace®
- Connect
  - Diversity Antenna
  - TOSHIBA ConfigFree®
  - Voice-over-IP Ready Design
  - TOSHIBA Bluetooth® Stack
- Optimize
  - TOSHIBA Zooming Utility
  - One-touch Resolution Change
  - TOSHIBA Power Saver Utility
  - TOSHIBA Optical Disc Drive Power On/Off Utility
  - Wireless On/Off Switch
  - TOSHIBA Mouse Utility
  - FN Shortcut Keys

### Software<sup>15</sup>

- Toshiba Software and Utilities
  - Electronic User's Guide
  - Bluetooth Stack for Windows by Toshiba
  - TOSHIBA ConfigFree®
  - TOSHIBA Management Console
  - TOSHIBA Assist
  - TOSHIBA Security Assist
  - TOSHIBA Disc Creator
  - TOSHIBA Recovery Disc Creator
- Third-party Software
  - Sun® Java™ 2 Runtime Environment
  - Adobe® Acrobat® Reader
  - InterVideo® WinDVD®
  - Google™ Desktop
  - Google™ Toolbar
  - Google Picasa™
  - Infineon TPM Software Professional Package
  - AuthenTec EntréPad® TruePrint® technology
  - Ulead® DVD MovieFactory®
  - CompuTrace (BIOS Enabled)
  - CNN
- Trial Software
  - Microsoft Office Ready with Microsoft Office Professional 2007 60-day Trial Edition
  - Norton Internet Security™ 2007 [60 day trial]
- Special Offers
  - Microsoft Office Live

### Limited Warranty<sup>16</sup>

- 3 Year Standard Limited Warranty

## Accessories

### Power

- PA3282U-2ACA Toshiba 60W Global AC Adapter
- PA3612U-1BR5 Toshiba Primary Li Ion Battery Pack (6 Cell)
- PA3091U-2CHG Toshiba Battery Charger with Integrated AC Adapter

### Expansion

- PA3603U-1PRP Toshiba Slim Port Replicator II
- PA3541U-2PRP Toshiba dynadock™ USB Docking Station with VGA port
- PA3542U-2PRP Toshiba dynadock USB Docking Station with DVI port

### Security & Protection

- PA410U Targus DEFCON CL Cable Lock

### Storage

- PA3109U-3FDD Toshiba USB Floppy Disk Drive Kit
- PA1411U-1M1G Toshiba 1GB USB Hi-Speed Flash Drive
- PA1412U-1M2G Toshiba 2GB USB Hi-Speed Flash Drive

### Wireless & Bluetooth

- PA3573U-1ETA Toshiba Wireless Laser Mouse with Bluetooth Technology (Black/Silver)
- PA3573U-1ETB Toshiba Wireless Laser Mouse with Bluetooth Technology (Black/Red)

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<sup>1</sup> The product specifications and configuration information are designed for a product Series. Your particular model may not have all the features and specifications listed or illustrated. For more detailed information about the features and specifications on your particular model, please visit Toshiba's Web site at [pcsupport.toshiba.com](http://pcsupport.toshiba.com). Toshiba America Information Systems, Inc. reserves the right to modify or withdraw this offer at any time without notice. <sup>2</sup> CPU performance may vary. See Processor Legal Footnote at [www.info.toshiba.com](http://www.info.toshiba.com). Intel® Dual Core Technology is a new technology designed to deliver improved performance to the notebook PC. Performance or compatibility may vary. For more information on Intel's Core 2 Duo processors, visit: <http://www.intel.com/core2duo/>. <sup>3</sup> 64-bit computing requires that the following hardware and software requirements are met: 64-bit Operating System, 64-bit CPU, Chipset and BIOS (Basic Input/Output System), 64-bit Device drivers, 64-bit applications. Certain device drivers and/or applications may not be compatible with a 64-bit CPU and therefore may not function properly. A 32-bit version of the operating system is preinstalled, on your computer unless explicitly stated that the operating system is 64-bit. See "Detailed Specs" for more information. <sup>4</sup> Memory size may vary. See Memory Legal Footnote at [www.info.toshiba.com](http://www.info.toshiba.com). <sup>5</sup> Hard drive capacity may vary. 1 Gigabyte (GB) means 109 = 1,000,000,000 bytes using powers of 10. See Hard Disk Drive Capacity Legal Footnote at [www.info.toshiba.com](http://www.info.toshiba.com). <sup>6</sup> Copy protection technology may prevent or limit recording or viewing of certain optical media (e.g., CD or DVD). <sup>7</sup> Small bright dots may appear on your screen display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. Over a period of time, and depending on the usage of the computer, the brightness of the screen will deteriorate. This is also an intrinsic characteristic of the screen technology. When the computer is operated on battery power, the screen will dim and you may not be able to increase the brightness of the screen while on battery power. <sup>8</sup> GPU performance may vary. See Graphics Legal Footnote at [www.info.toshiba.com](http://www.info.toshiba.com). <sup>9</sup> May require purchase of additional software, external hardware, or services. Transmission speeds may vary. See Wireless Legal Footnote at [www.info.toshiba.com](http://www.info.toshiba.com). <sup>10</sup> Weight may vary. See Weight Legal Footnote at [www.info.toshiba.com](http://www.info.toshiba.com). <sup>11</sup> Battery life may vary. See Battery Life Legal Footnote at [www.info.toshiba.com](http://www.info.toshiba.com). <sup>12</sup> Toshiba EasyGuard™ technology comprises a number of features some of which may or may not be available on a particular Toshiba notebook depending on the model selected. See [www.easycard.toshiba.com](http://www.easycard.toshiba.com) for detailed information. <sup>13</sup> Toshiba's shock absorption technology provides higher impact protection for your system as compared to Toshiba systems without similar shock protection features based on Toshiba's drop tests. Toshiba's standard limited warranty terms and limitations apply. Visit [www.warranty.toshiba.com](http://www.warranty.toshiba.com) for details. <sup>14</sup> Under Toshiba testing conditions, the spill-resistant keyboard delayed the time for a water spill to reach the PC's main board to allow more time to properly close down the machine. Toshiba's standard limited warranty terms and limitations apply. Visit [www.warranty.toshiba.com](http://www.warranty.toshiba.com) for details. <sup>15</sup> Some software may differ from its retail version (if available), and may not include user manuals or all program functionality. Internet access is required to enable certain functionality of certain Microsoft products which may be included with your computer. The Microsoft Office 2007 60-Day Trial software (if applicable) is intended for evaluation purposes only. You must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-user options and operations. The Microsoft Office 2007 60-Day Trial software is distributed without charge to the End User Customer but if the End User wants to continue to use such product after the trial period, then the End User Customer will have to pay a fee for the perpetual version of such Office Product. For systems with Microsoft Money Essentials 2007 installed, note that some online services for Microsoft® Money 2007 and Microsoft® Money 2007 Essentials will expire on the earlier of two years after your activation of the software or September 1, 2009. Also, you may need to get some online services separately from your financial institution, which may charge a fee. See the online services policy at <http://money.msn.com/Money2007/OSP.asp>. <sup>16</sup> The terms and conditions of Toshiba's standard limited warranty are available at [www.warranty.toshiba.com](http://www.warranty.toshiba.com).