

Model: Tecra Z50-A PT544C-07T001 <ul style="list-style-type: none"> 4th Generation Intel® Core™ i5-4210U processor – 1.7GHz/2.7GHz, Windows® 7 Professional with Windows 8.1 Pro Upgrade Disc, 15.6" HD TFT, 4GB+4GB DDR3L, 500GB OPAL2.0 HDD, Intel HD Graphics, LAN, 802.11ac+agn Wireless, Bluetooth 4.0 	Sound System Realtek ALC283-CG Software Sound, High Definition Audio Link, Built-in stereo speakers	TOSHIBA EasyGuard™
Processor 4th Generation Intel® Core™ i5-4210U processor (1.7GHz/2.7GHz, 3MB Intel® Smart Cache) with Intel® Turbo Boost Technology 2.0, Intel® Hyper-Threading Technology and Intel® Virtualization Technology.	Communication 1Gbps Integrated Ethernet LAN Intel 802.11 ac+agn Wireless LAN Integrated 2.0MP Web Camera Bluetooth v4.0	Secure Toshiba Multiple Level Password Utilities Toshiba Reinforced Security Cable Lock Slot Execute Disable Bit (XD-Bit) Trusted Platform Module (TPM v1.2) Fingerprint Reader (includes software for password and identity management) BIOS Computrace™ Support
Operating System Windows® 7 Professional with Windows 8.1 Pro Upgrade Disc	Expansion 1 SmartCard Slot Ports: SD Card Slot (SD, SDHC, SDXC, mini SD w/ adapter, micro SD w/ adapter), VGA, 3 x USB3.0, 1 x USB2.0, RJ45 (LAN), Headphone, Microphone, HDMI Supported via Toshiba Hi-Speed Port Replicator III: USB2.0 x 2, USB3.0 x 4, 10M/100M/1000M Gigabit LAN x1, VGA x1, Headphone, Microphone, Serial x1, Display Port x 2, HDMI x 1 Supported via Dynadock U3.0: DVI-I x1, Audio In/Out, 2X USB 2.0, 4X USB 3.0, HDMI output	Protect Halt Tested Design Toshiba Spill-resistant Keyboard Toshiba Shock Absorbing Design Toshiba PC Diagnostic Tool Toshiba PC Health Monitor Connect Toshiba ConfigFree™ Toshiba Diversity Antenna Toshiba Bluetooth® Stack Wireless Communication On/Off
Key Features Toshiba Smart Client Manager TPM/Fingerprint reader One Click Docking Connector Integrated 2.0MP Webcam Toshiba EasyGuard feature set Full sized HDMI Connector Full sized VGA Connector Full sized USB3.0 Connectors SmartCard Widi Capable	Keyboard Canadian Bilingual (English/French) Keyboard Full sized 102 keys with 16 function keys Color: Tile Matt Black w/Backlight	Optimize Toshiba Device Access Control Toshiba Presentation Button Toshiba Zooming Utility Toshiba Power Saver Utility Toshiba Eco Utility Toshiba Assist
Memory Standard Memory: 8GB DDR3L (1600MHz) Slot1: 4GB DDR3L (1600MHz) Slot2: 4GB DDR3L (1600MHz) Maximum Memory: 16GB DDR3L Expansion Modules: 2GB, 4GB or 8GB DDR3L	Pointing Device DualPoint (Accupoint + Click Pad) Additional Software Toshiba Value Added Package Intel PROset Adobe Reader X Norton Internet Security™ – trial Microsoft® Office 2013Trial	Environmental Specifications Temperature: Operating 5° to 35°C (41° to 95°F); Non Operating -20° to 65°C (-4° to 149°F) Thermal Gradient: Operating 15° C per hr. max; Non Operating 20° C per hr. max Relative Humidity: Operating 20% to 80% non-condensing; Non-Operating: 10% to 90% non-condensing Altitude (relative to sea level): Operating: -60 to 3,000m.; Non-Operating: -60 to 10,000m. Shock: Operating: 10G; Non-Operating 60G Vibration: Operating 0.5G, 0.25G; Non-Operating: 1G
Chipset None for Intel Haswell ULV (1 Chip Platform)	Physical Dimensions Dimensions: (WxDxH) 379 x 252 x 20.4 mm Weight: 1.838 kg (4.052lbs) Color: Cosmo Silver w/Hair Line Finish	Environmental Credentials Energy Star 5.2 RoHS EPEAT Gold
Storage 2.5 SATA 500GB 5400 OPAL2.0 HDD	AC Adapter 65W external Universal AC adaptor input voltage (100 –240V 50/60Hz frequency), (19Vx3.42A) Dimensions: 108.0 (W) x 46.0 (H) x 29.5 (D) mm Weight: 250g	Canada and International Limited Warranty This Portege notebook comes with a three (3) year parts and labour Limited International Warranty. Note the original battery is warranted for one year from date of purchase. Pre-installed software is excluded form TCL standard limited warranty. For complete details on this warranty program and other Warranty Programs such as On-site and Next Business Day Service visit www.toshiba.ca/warranty
Optical Drive None	Battery Battery Type: Rechargeable 4-cell Lithium Ion (Li-ion) 14.4V X 60Wh capacity Battery Life: up to 8.5 hours (MobileMark2012) Dimensions: (Non Removable Battery)	Accessories PA3840C-1ETB Toshiba Carrying Case PA3714C-1AC3 65W Universal AC Adaptor PA3844U-1ETB 2.4Ghz Wireless Optical Mouse PA3927C-1PRP Dynadock U3.0 USB Docking Station PA5116C-1PRP Toshiba High Speed Port Replicator III PA5022C-1LC3 Toshiba 15.6" USB-powered Mobile Monitor ACC254 15.6" Widescreen Laptop Privacy Screen
Display System Type: 16:9 TFT Active Matrix colour LCD display with LED backlight Size (diagonal): 15.6" HD Flat LowPower eDP Native LCD Panel Resolution: 1366x768x16.7 million colours External Support and Max. Colour Support (dependant on CRT): Up to 2,048 x 1536 x 16.7 million colours	BIOS SETUP support, ACPI support, VESA support, SM BIOS support, PCI BIOS Support, Computrace BIOS Support,	
Graphics Controller Intel® HD Graphics 4400 up to 1567MB (32bit OS) or up to 1696MB (64bit OS)		

Part Number/UPC code

PT544C-07T001

subject to change without notice. For the most up-to-date product information about your computer, or to stay current with the various computer software or hardware options, visit Toshiba's website at toshiba.ca/support

8/11/2014 v.1

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Central Processing Unit ("CPU" Performance Disclaimer:

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95°F) or > 25°C (77°F) at high altitude (all temperature references are approximate).

CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer product may automatically shutdown. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Support for more information.

Hard Disk Drive Disclaimer: 1 Gigabyte (GB) means 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the product includes pre-installed operating system and/or application software. Actual formatted capacity may vary.

GPU: Graphics processor unit ("GPU") performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode.

Memory: Part of the main system memory may be used by the graphics system for graphics performance and therefore reduce the amount of main system memory available for other computing activities. The amount of main system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors. For PC's configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration.

TFT Display Disclaimer: Small bright dots may appear on your TFT 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.

LCD: Over a period of time, and depending on the usage of the computer, the brightness of the LCD screen will deteriorate. This is an intrinsic characteristic of LCD technology. Maximum brightness is only available when operating in AC power mode. Screen will dim when the computer is operated on battery power and you may not be able to increase the brightness of the screen.

Weight: Weight may vary depending on actual configuration.

Battery: Battery life may vary considerably depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba of Canada website at toshiba.ca/accessories

Software: The included additional software is subject to change without notice. No substitution of software permitted. For further information please visit toshiba.ca/support

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