

**Model:**

Tecra S11 PTSE3C-00Y013

- Intel® Core™ i5-520M processor – 2.40GHz/2.93GHz, 15.6" HD TFT, 2GB DDR3, 160GB HDD S-ATA, NVIDIA® NVS 2100M, DVD Super-Multi Double Layer, Modem, LAN, 802.11agn Wireless, Genuine Windows® 7 Professional

**Processor**

Intel® Core™ i5-520M processor (2.40GHz/2.93GHz, 3MB Intel® Smart Cache) with Intel® Turbo Boost Technology, Intel® Hyper-Threading Technology and Intel® Virtualization Technology.

**Operating System**

Genuine Windows® 7 Professional 32/64bit (includes downgrade rights to Windows XP® Professional) Downgrade Media Included

**Memory**

**Standard Memory:** 2GB DDR3 (1067MHz)  
Slot1: 2GB DDR3 (1067MHz)  
Slot2: Empty  
**Maximum Memory:** 8GB DDR3  
**Expansion Modules:** 1GB, 2GB, or 4GB DDR3

**Hard Disk Drive**

160GB (5400 RPM); Serial-ATA hard disk drive

**Optical Drive**

Built-in DVD Super-Multi Double Layer Drive functions:  
**Read:** CD-ROM (24x), DVD-ROM (8x),  
**Write:** CD-R (24x), CD-RW (4x), DVD-R (8x), DVD-R DL (6x), DVD-RW (6x), DVD+R (8x), DVD+R DL (6x) DVD+RW (8x), DVD-RAM (5x)

**Display System**

**Type:** 16:9 TFT Active Matrix colour LCD display with LED backlight  
**Size (diagonal):** 15.6" HD  
**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

**Graphics Controller**

NVIDIA® NVS 2100M with 512MB Video memory

**Sound System**

Realtek ALC268-GR Software Sound, High Definition Audio Link, Built-in stereo speakers

**Communication**

Modem V.92 Data/56K Fax Modem, Ring wake up resume 10/100/1000Mbps Integrated Ethernet LAN + AMT 6.0 Intel 802.11 a/g/n Wireless LAN Integrated Web Camera Bluetooth v2.1+EDR

**Expansion**

2 memory slots (first slot filled with 2GB, second slot empty, each slot can be replaced by 1GB, 2GB or 4GB).

1 Express Card Slot

**Ports:** Bridge Media adaptor (Secure Digital, Memory Stick™, Memory Stick PRO™, MultiMedia Card, xD Picture Card), RGB, 3 x USB2.0, 1 x eSATA/USB2.0, RJ45 (LAN), Headphone, Microphone, RJ-11 (Modem), Serial, miniDisplay port, Docking Connector

**Supported via Toshiba Express Port Replicator II:** USB x6, 10M/100M/1G LAN x1, VGA x1, Headphone, Serial x1, Parallel x1

**Supported via Dynadock U:** DVI-D x1

**Keyboard**

Canadian Bilingual (English/French) Keyboard Full sized 87 keys with 13 function keys Spill Resistant keyboard **Color:** (Black)

**Pointing Device**

Dual Accupoint and Touchpad with Scroll function

**Additional Software**

Toshiba ConfigFree™ Adobe Acrobat Reader TOSHIBA Disc Creator TOSHIBA DVD PLAYER Norton Internet Security™ – trial Microsoft Office Professional – trial

**Physical Dimensions**

**Dimensions:** (WxDxH) 374 x 250.5 x 33.4/37.6 mm  
**Weight:** 2.8kg (6.17lbs)  
**Color:** Black

**AC Adapter**

75W external Universal AC adapter input voltage (100 – 240V 50/60Hz Frequency (Universal), output voltage (15V, 5A)

**Dimensions:** (WxDxH) 127.0 x 30.5 x 51.0 mm  
**Weight:** 355g

**Battery**

**Battery Type:** Removable, Rechargeable 6-cell Lithium Ion (Li-ion) 10.8V x 4360mAh capacity  
**Battery life:** up to 4 hours

**Dimensions:** (WxDxH) 206.8 x 45.1 x 20.0 mm  
**Recharge Time:** Up to 4 hours off / 12 hours on

**BIOS**

TSETUP support, ACPI support, PnP support, VESA support, SM BIOS support, PCI BIOS Support, Computrace BIOS Support

**TOSHIBA EasyGuard™**

**Secure**

Toshiba Device Access Control  
Toshiba Multiple-Level Password Utilities  
Kensington Cable Lock Slot  
Execute Disable Bit (XD-Bit)  
Trusted Platform Module (TPM 1.2)  
Fingerprint Reader (includes software for password and identity management)  
Computrace™ BIOS support

**Protect & Fix**

**Spill-Resistant Keyboard Shock Absorbing Design**  
LCD Panel Shock Absorber  
**Hard Disk Drive Protection**  
HDD Shock Absorber  
HDD Impact Sensor  
**Toshiba Key Component Access**  
**Toshiba PC Diagnostic Tool**  
**Toshiba PC Health Monitor**

**Connect**

**Diversity Antenna**  
**Toshiba ConfigFree®**

**Optimize**

**Toshiba Presentation Button**  
**Toshiba Zooming Utility**  
**One-touch Resolution Change**  
**Toshiba Power Saver Utility**  
**Wireless On/Off Switch**  
**Toshiba Fn-esse Shortcut Utility (XP Only)**  
**Toshiba Assist**

**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: 7G; Non-Operating 60G  
**Vibration:** Operating 0.2G; Non-Operating: 1G

**Environmental Credentials**

Energy Star 5.0  
RoHS

**Canada and International Limited Warranty**

This Tecra 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 from 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](http://www.toshiba.ca/warranty)

**Accessories**

PA3710U-1BTM USB Bluetooth Adapter  
PA3755C-1AC3 Universal AC Adaptor

PA3788U-1BRS 6 Cell Battery Pack  
PA3675U-1M1G DDR3-1066 1GB Memory Module  
PA3676U-1M2G DDR3-1066 2GB Memory Module  
PA3677U-1M4G DDR3-1066 4GB Memory Module

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**Part Number/UPC code**

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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](http://toshiba.ca/accessories)

**Subject to Change:**

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