

Model:

Tecra R10 PTRB3C-02101V

- Intel® Centrino® 2 with vPro™ technology featuring Intel® Core™2 Duo processor SP9400 – 2.4GHz, 14.1" WXGA+, 4GB DDR2, 128GB SSD S-ATA, NVIDIA® Quadro® NVS 150M 128MB Graphics, DVD Super-Multi Double Layer, LAN, 802.11a/g/n Wireless, Bluetooth, Webcam, Genuine Windows® 7 Professional

Processor

Intel® Core™2 Duo processor SP9400 (2.4GHz, 1066MHz FSB, L2 Cache 6MB) -- Intel® Centrino® 2 with vPro™ technology

Operating System

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

Memory

Standard Memory: 4GB DDR2 (800MHz)
Slot1: 2GB DDR2 (800MHz)
Slot2: 2GB DDR2 (800MHz)
Maximum Memory: 4GB DDR2

Hard Disk Drive

128.0 billion bytes, Solid State Drive, S-ATA

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 (4x), DVD-RW (6x), DVD+R (8x), DVD+R DL (4x) DVD+RW (8x), DVD-RAM (5x)

Display System

Type: TFT Active Matrix colour LCD display
Size (diagonal): 14.1" WXGA+ (1440x900) TFT
Native LCD Panel Resolution: 1440x900x16.7 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® Quadro® NVS 150M Graphics with 128MB dedicated video memory. Total Available Graphics Memory is 877MB using 749MB Shared + 128MB Dedicated graphics.

Sound System

Intel High Definition Audio, built-in speakers

Communication

10/100/1000bps Integrated Ethernet LAN + AMT 4.0
Built-in Intel® WiFi Link 5100 (802.11a/g/n)
Integrated Web Camera
Bluetooth v2.1+EDR

Expansion

2 memory slots (both slots filled with 2GB module)
1 Express Card Slot

Ports: Bridge Media slot (SD-SD-HC), RGB, USB2.0 x 2, 1 combo eSATA/USB2.0, RJ45 (LAN), Headphone, Docking Connector

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

Keyboard

Canadian Bilingual (English/French) Keyboard
Full sized 86 keys with 13 function keys
Spill Resistant keyboard
Color: (Black)

Pointing Device

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: 337 x 252 x 28.7/30.6mm
Weight: 1.97kg with 6 cell 4000mAh battery
Color: Titanium Silver

AC Adapter

75W external Universal AC adaptor input voltage (100 –240V 50/60Hz frequency), (15Vx5A)
Dimensions: 127mm x 30.5mm x 51mm
Weight: 355g

Battery

Battery Type: Removable, Rechargeable 6-cell Lithium Ion (Li-ion) (5100mAh)
Battery Life: Approximately 4.0 hours (Mobile Mark)
Recharge Time: approximately 2.5 hours when unit is OFF and between 3 to 9.5 hours when unit is ON.

BIOS

ACPI v2.0c, DDC, PnP, VESA, DPMS, SM BIOS v2.4, PCI BIOS Support V2.1.

TOSHIBA EasyGuard™

Secure

Toshiba Advanced Instant Security
Toshiba Device Access Control
Toshiba Multiple-Level Password Utilities

Toshiba Secure Digital Token Utility

Toshiba Anti-theft Protection Timer
Toshiba Reinforced Security Cable Lock Slot
Execute Disable Bit (XD-Bit)
Trusted Platform Module (TPM)
Fingerprint Reader (includes software for password and identity management)
Computrace™ BIOS support
Wireless log-on via Bluetooth® mobile phone

Protect & Fix

Spill-Resistant Keyboard Shock Absorbing Design
LCD Panel Shock Absorber
LCD Inverter Shock Absorber
Hard Disk Drive Protection
HDD Dome Shock Protector
HDD Shock Absorber
3D Accelerometer
Toshiba Key Component Access Magnesium Alloy Casework
Toshiba PC Diagnostic Tool
Toshiba PC Health Monitor

Connect

Diversity Antenna
Toshiba ConfigFree®
WiFi Easy Locator
Toshiba Bluetooth® Stack

Optimize

Presentation Button
Toshiba Zooming Utility
One-touch Resolution Change
Toshiba Power Saver Utility
Toshiba Optical Disc Drive Power On/Off
Wireless On/Off Switch
Toshiba Fn-esse Shortcut Utility
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

EPEAT
Energy Star 4.0
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 toshiba.ca

Accessories

Toshiba Express Port Replicator II

– PA3680C-1PRP
Toshiba DynaDock USB Docking Station with DVI & VGA Port

– PA3575C-1PRP
USB FDD Kit
– ACC021

Toshiba 75W 3Pin AC Adapter
– PA3378C-3AC3

Toshiba Primary Li Ion Battery Pack (6 cell)
– PA3692U-1BRS

Toshiba Secondary Slice Battery Pack (6 cell)
– PA3510U-1BAL

Toshiba Memory Modules:
– PA3668U-1M1G (1GB DDR2 800MHz)
– PA3669U-1M2G (2GB DDR2 800MHz)

Part Number/UPC code

PTRB3C-02101V / 6-23506-02395-5

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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

Subject to Change:

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