

## Model:†

Tecra M10 PTMB3C-0L406F

- Intel® Centrino® 2 with vPro™ technology featuring Intel® Core™2 Duo processor P8700 – 2.53GHz, 14.1" WXGA+ TFT, 4GB DDR2, 250GB 5400RPM HDD S-ATA, NVIDIA® Quadro® NVS 150M with 256MB video memory, DVD Super-Multi Double Layer, Modem, LAN, 802.11a/g/n Wireless, Bluetooth, Webcam, Genuine Windows® 7 Professional

## Processor

Intel® Core™2 Duo processor P8700 (2.53GHz, 1066MHz FSB, L2 Cache 3MB) with 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:** 8GB DDR2  
**Expansion Modules:** 1GB, 2GB, or 4GB DDR2

## Hard Disk Drive

250GB (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:** TFT Active Matrix colour LCD display  
**Size (diagonal):** 14.1" Wide XGA+ 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 with 256MB Video memory supporting TurboCache™ technology

## Sound System

Intel High Definition Audio, built-in speakers

## Communication

Modem V.92 Data/56K Fax Modem, Ring wake up resume  
10/100/1000bps Integrated Ethernet LAN + AMT 4.0  
Built-in Intel WiFi Link 5100 (802.11a/g/n)  
Integrated 1.3M Web Camera  
Bluetooth v2.1+EDR

## Expansion

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

1 PCMCIA 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, IEEE1394, 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 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:** 336.8mm (W) x 245mm (D) x 36.4/38.4mm (H)  
**Weight:** 2.74kg  
**Color:** Titanium Silver

## AC Adapter

75W external Universal AC adaptor input voltage (100 –240V 50/60Hz frequency), (15Vx5A)  
**Dimensions:** 127.0 (W) x 30.5 (H) x 51.0 (D) mm  
**Weight:** 355g

## Battery

**Battery Type:** Removable, Rechargeable 6-cell Lithium Ion (Li-ion) (4000mAh)  
**Battery Life:** Approximately 4.0 hours (Mobile Mark)  
**Recharge Time:** "Quick Charge" 90% battery recharge within 1.0 hour when system is OFF/Standby/Hibernation, 2-6 hours when unit is on

## BIOS

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

## TOSHIBA EasyGuard™

### Secure

Toshiba Advanced Security System  
Toshiba Device Access Control Utility  
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  
Computrace™ with BIOS Support  
Wireless Log-on via Bluetooth Mobile Phone\*

### Protect

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

### Connect

Toshiba ConfigFree™  
WiFi Easy Locator  
Toshiba Diversity Antenna  
Toshiba Bluetooth Stack\*

### Optimize

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

\*only on selected models

## 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 Gold  
Energy Star 5.0  
RoHS

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## Canada and International Limited Warranty

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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](http://toshiba.ca)

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## Accessories

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### Toshiba Express Port Replicator II

– PA3680C-1PRP

### Toshiba Dynadock U 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)

– PA3588U-1BRS

### Toshiba Primary High Capacity Li Ion Battery Pack (12 cell)

– PA3357U-3BRL

### Battery Charger w/Integrated AC Adapter

- PA3091U-2CHG

### Toshiba Memory Modules:

- PA3668U-1M1G (1GB DDR2 800MHz)

- PA3669U-1M2G (2GB DDR2 800MHz)

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## Part Number/UPC code

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PTMB3C-0L406F / 6-23506-02392-4

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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

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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:

While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all 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](http://toshiba.ca/support)

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