Toshiba

Tecra M4

<table>
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<th>Model</th>
<th>Description</th>
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<td>Tecra M4-S435</td>
<td>Microsoft® Windows® XP Tablet Edition, Intel® Pentium® M 740 (1.73GHz 2MB L2 533MHz FSB), 60GB (Serial-ATA/5400rpm), 512MBx1 PC4200 DDR2 533MHz SDRAM, DVD-SuperMulti (Double Layer), nVIDIA® GeForce™ Go 6200 TE (64MB), 14.1&quot; TFT LCD at (1400 x 1050) native resolution (SXGA+), 6-cell battery, Bluetooth Antenna, Integrated Wi-Fi™ Intel PRO/Wireless 2200BG (802.11b/g) Wireless-LAN, Gigabit Ethernet, TPM, 3-year standard limited warranty; 1-year standard limited warranty for battery and AC adapter</td>
<td>PTM40U-0F0021</td>
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**System Characteristics**

Operating System
- Microsoft® Windows® XP Tablet Edition 2005

Intel® Centrino™ Mobile Technology featuring:
- Intel Pentium® M Processor 740 [1.73GHz, 2MB L2, 533MHz FSB]
- Mobile Intel 915PM Express Chipset
- Intel® PRO/Wireless 2200BG (802.11b/g) Integrated Wi-Fi™

Memory
- Configured with 512MB DDR2 SDRAM (512MBx1)
- 512MB(min)/2048MB (max), 2 memory slots using 256MB, 512MB, or 1024MB PC4200 DDR2 533MHz SDRAM, dual-channel support requires two memory modules (both memory slots may be occupied)

Mass Storage
- 60GB (5400 RPM) Serial-ATA (SATA) hard disk drive; 9.5mm height

Optical Drive:
- Slim SelectBay DVD SuperMulti drive (double layer):
  - Maximum Speed:
    - CD-ROM (24x/read), CD-R (24x/write), CD-RW (10x/write), DVD-ROM (8x/read), DVD-R (8x/write), DVD-RW (4x/write), DVD+R (Double Layer) (2.4x/write), DVD+RW (4x/write), DVD-RAM (3x/write)

Display
- 14.1" diagonal TFT active-matrix LCD display at 1400x1050 native resolution (SXGA+)
- Contrast: 500:1
- Brightness Control by Fn+F6/F7 and TOSHIBA Power Saver

Graphics
- NVIDIA® GeForce™ Go 6200 TE (64MB DDR2 discrete graphics memory)

Sound
- Analog Devices AD1981B integrated 16-bit stereo
- Built-in stereo speakers,
- Built-in microphone (monaural)
- Direct 3D Sound (supported by driver); DirectSound (supported by driver), Direct Music (supported by driver), MIDI (play back) support
- Sound Volume Control Dial

Input Devices
- Keyboard
  - 85 key US keyboard, 2.7mm key stroke, 6mm keyboard height, 19.05mm key pitch
  - Hot Key Functions (FN); please see electronic User’s Guide for more information
  - Windows Key Function
  - Application Key Function
- Pointing Devices:
  - Toshiba TouchPad™ and Accupoint™ dual pointing device; Enable/Disable (FN+F9 or by help of software)
- Buttons
  - Toshiba Presentation Button
  - Windows Security Button
  - ESC/Display Rotation Button
  - Cross Functional Button

Expandability
- 2 main memory slots. Both slots may be occupied.
- 1 Type II, PCMCIA R2.01, PC Card16, CardBus PC Card slot
- Secure Digital® slot
- Docking port for Advanced Port Replicator III or Tablet Dock II (see accessories)

Communications
- Integrated V.92 modem
- Marvell 88E8053 10Base-T / 100Base-TX / 1000Base-T (“Gigabit”) Ethernet
- Intel® Pro/Wireless 2200BG (802.11b/g) Integrated Wi-Fi compliant wireless LAN

Ports
- RGB (monitor) port
- TV-out (S-Video)
- i.LINK(tm) IEEE-1394
- 3 Universal Serial Bus (USB) ports (v2.0)
- External Microphone jack (monaural)
- Headphone jack (stereo)
- RJ-45 LAN port
- RJ-11 modem port
- Fast Infrared (4Mbps) (IrDA 1.1) port
- 240-pin docking connector

Physical Description
- Dimensions (WxDxH Front/H Rear): 12.91'' (328mm) x 11.41'' (290mm) x 1.45'' (36.9mm) [F]/1.51'' (38.4mm) [R] without feet
- Weight*: 6.2 lbs. (2800g) (min) – 6.4 lbs. (2900g) (max) depending upon configuration

Power Supply
- 75W (15V x 5A) Auto sensing external AC Adapter, 100–240V 50/60Hz (Universal) input.
- Weight: starting at 0.78 lb. (355 g)
- Dimensions (WxDxH): 5.00'' (127.0mm) x 2.01'' (51.0mm) x 1.20'' (30.5mm)

Battery
- 6-cell (4700 mAh) rechargeable, removable Lithium Ion (Li-ion) battery pack
  - Battery Life (6-cell battery): Up to 3 hours 22 minutes (measured by MobileMark™16)
  - Weight: starting at 0.75 lbs. (338 g)
  - Recharge Time: approximately 3.0 hours (System Off) or approximately 5.5 to 13.0 hours (System On)
  - Optional: 6-cell (3600 mAh) Slim SelectBay rechargeable, removable Lithium Ion (Li-ion) battery pack (see Accessories)
  - Battery Life (6-cell primary battery + 6-cell secondary battery): Up to 8 hours 9 minutes (measured by MobileMark™17)
  - Weight: starting at 0.62 lbs. (280 g)
  - Recharge Time (6-cell primary battery + 6-cell secondary battery): approximately 6.0 hours (System Off) or approximately 9.5 to 22.5 hours (System On)

Toshiba EasyGuard
- Secure
  - Infineon® Trusted Platform Module embedded security chip (Version 1.1)
  - Execute Disable Bit (XD Bit)
  - Physical Security

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Limited Warranty
- 3-year standard limited warranty; 1-year standard limited warranty for battery and AC adapter.

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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.

Product Offering Legal Footnote. Toshiba America Information Systems, Inc. reserves the right to modify or withdraw this offer at anytime without notice.

2 Build-to-Order/Configure-to-Order. Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your select model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis, unless you have selected all those features. Configuring (customization) of your notebook takes an additional 12 to 15 working days.

3 Operating System. Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft’s privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply). Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.

4 Memory (Main System). 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.

5 Display. 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 with dim and you may not be able to increase the brightness of the screen while on battery power.

6 Graphics (Graphics Processing 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.

Specific GPU Legal Footnote for the GeForce™ 6200TE/6600TE GPUs. The graphics processor is optimized for your specific computer model and GPU performance will be slower than the standard GeForce™ Go 6200/6600 or applicable successor model. GPU performance is only optimized at ambient temperatures between 5°C and 30°C.

7 Modem Speed. Due to FCC limitations, speeds of 53 kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.

8 Weight. Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.

9 Battery Life. Battery life may vary considerably from specifications 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. See “Detailed Specs” for specific battery measurement test. 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 web site at www.accessories.toshiba.com.

10 Battery Life - MobileMark™. Measured by MobileMark. MobileMark is a trademark of the Business Applications Performance Corporation.

11 Battery Life - MobileMark™. Measured by MobileMark. MobileMark is a trademark of the Business Applications Performance Corporation.

12 Shock Protection. 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 for details.

13 Software. Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.

Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft’s privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply).
14 **AOL® Internet Service.** Availability may be limited, especially during peak times. TO AVOID BEING CHARGED A MONTHLY MEMBERSHIP FEE, SIMPLY CANCEL BEFORE THE THREE-MONTH PROMOTIONAL PERIOD ENDS. Premium services carry surcharges and communication surcharges may apply, including AK, even during promotional period. Members may incur telephone charges on their phone bill, depending on their location and calling plan, even during promotional period. Available to new AOL members in the United States, age 18 or older; a major credit card or checking account is required.

15 **AT&T® Worldnet® Service.** Telephone access and other charges and other terms and conditions may apply. Offer available to new customers only.

16 **Temperature (Environmental) Conditions.** All temperature references are approximate and the performance of your computer may vary from specifications even when operating within the recommended temperature range.

17 **Warranty.** Toshiba's standard limited warranty, extended warranty and service upgrade terms and conditions are available at [http://www.warranty.toshiba.com](http://www.warranty.toshiba.com).
Left side

- Cooling vent
- Infrared port
- SD™ card slot
- Security lock slot
- USB ports
- i.LINK® port
- PC Card slot
- PC Card eject button

Right side

- Pen/pen holder
- Microsoft® OneNote launch button
- DVD-ROM or SuperMulti sample drive shown
- OneNote lock/unlock