

# TOSHIBA

Innovative tablet computing  
redefines working efficiency.

## PORTÉGÉ M200

The Portégé M200 leads the market in ultra-portable wireless tablet computing with its enhanced features including Intel® Centrino™ mobile technology and Microsoft® Office OneNote™ 2003.

- **Powerful, versatile tablet computing** – Intel® Centrino™ mobile technology, Microsoft® Office OneNote™ 2003, enhanced feature set and improved usability
- **Unique screen technology** – world's first ultra-bright 12.1" SXGA+ TFT polysilicon display and dual-axis accelerometer utility
- **Enhanced graphics performance** – the latest NVIDIA® GeForce™ FX Go5200 chipset with 32 MB DDR Video RAM for industry-leading graphics performance
- **Unprecedented wireless connectivity** – WLAN onboard and Bluetooth™ upgradeability, plus ConfigFree™ software for simple wireless management and network connectivity
- **Revolutionary docking solution** – innovative Tablet Multi Dock supports multiple usage scenarios, even in convertible Tablet PC mode



*Choose freedom.*

# PORTÉGÉ M200



**Powerful, versatile tablet computing** – State-of-the-art features include Intel® Centrino™ mobile technology for outstanding processing power, optimized wireless connectivity and enhanced battery life. The Microsoft® XP Tablet PC Edition OS offers advanced capabilities that allow you to create, store and transmit handwritten notes and insert voice input. Also bundled is Microsoft® Office OneNote™ 2003 for quick and easy note organization, selection of software and utility plus a vast tools for maximum productivity.

**Unique screen technology** – The Portégé M200 integrates the first ever deployment of a new 12.1" SXGA+ TFT polysilicon color display, providing a high-precision 1,400 x 1,050 screen that is significantly thinner and brighter with a higher dpi ratio. This enables bright, crisp video images in Tablet mode and a smoother, more realistic handwriting experience. A dual-axis accelerometer detects the positioning of the device while automatically adjusting the on-screen image.

**Enhanced graphics performance** – The latest NVIDIA® GeForce™ FX Go5200 chipset with 32 MB DDR Video RAM transforms the Portégé M200 into a full-fledged mobile graphics machine. This leading-edge technology delivers the rich graphics required to power your daily office tasks and other applications that require a high level of graphics support, such as developing interactive multimedia presentations, web design or video editing.

**Unprecedented wireless connectivity** – The Portégé M200 has everything onboard including Wireless LAN 802.11b (dual band 802.11a/b ready) and optional Bluetooth™ upgradeability. Thanks to Toshiba's ConfigFree™ utility, mobile users can easily create profiles for various connectivity options. This software allows simple control of wireless communication devices and automatic detection of available network connections. A Connectivity Doctor tool helps to identify, analyze and resolve network connectivity issues.

**Revolutionary docking solution** – With Toshiba's optional Tablet Multi Dock you can create multi usage scenarios. Connect your Portégé M200 to the new Tablet Multi Dock and you can transform your Tablet PC into a notebook with comprehensive docking capabilities, a memo pad, a desktop PC with keyboard and mouse and a sub LCD, together with another LCD display connected to the Tablet Dock. The new Tablet Multi Dock also incorporates a Slim SelectBay slot for additional expansion capabilities.

## Toshiba recommends Microsoft® Windows® XP Tablet PC Edition for Mobile Computing

Product Number	PPM20L-004CJ (Centrino/1.5GHz/512MB/40GB/Wi-Fi)
Processor <sup>1</sup>	Intel® Centrino™ mobile technology including Intel® Pentium® M processor (1.5GHz, 400MHz Front Side Bus, 1MB L2 Cache), Intel® PRO/Wireless 2100 network connection and Intel® 855PM chipset
Memory <sup>2</sup>	512MB DDR SDRAM, expandable to 2048MB
Mass Storage	40GB (5,400 rpm) S.M.A.R.T.
Display	12.1" Poly Silicon SXGA+ TFT active matrix, 16.7 million colors at 1,400 x 1,050 resolution
External video modes	Max. colours: 16.7 million, max. refresh rate: 100 Hz, max. resolution: 2,048 x 1,536, non-interlaced resolution with max. refresh rate: 1,600 x 1,200
Graphics Controller	NVIDIA® GeForce™ FX Go 5200, 32 MB DDR Video RAM, 4x AGP bus
Wired Communications	International V.90 (V.92 ready) software modem (56Kbps data, 14.4Kbps fax) and 10/100Mbps Ethernet
Wireless Communications <sup>3</sup>	Fast InfraRed (4Mbps), Wireless LAN (802.11b integrated, dual band-ready (802.11a/b) network support), Bluetooth™ upgradeability
Input Devices	84-key Ergonomic Keyboard, 13 function keys, 4 cursor keys, integrated TouchPad, Toshiba Digitizer Tablet Pen, inlaid numeric keypad, 4 Hardware Buttons: Windows Security Button, ESC/Display Rotation Button, Cross Functional Button, 4 Tablet Pen Programmable Buttons
PC Card slots	Type II x 1 (Card Bus supported)
Expansion Ports	RGB, USB 2.0 x 2, Fast Infrared Port (4Mbps), SD Card slot, External Microphone, Headphone (stereo), RJ-11, RJ-45, Expansion Bus, DC-in
Sound	16-bit stereo SoundBlaster Pro and Windows Sound System compatible, built-in stereo speakers, Direct3D Sound, Full Duplex and MIDI support, built-in stereo microphone, volume dial
Power Supply	Universal 100-240V AC adaptor for worldwide usage
Battery Type/Life <sup>4</sup>	Exchangeable 6-Cell Lithium-Ion battery Maximum battery life: Up to 4.5 (Mobile Mark) hours
Security	BIOS password, keyboard lock, main hard disk (by screw), main memory (by screw), slot for Cable Lock, supervisor password, system password security, Tablet Access Code Logon utility, user password, Wireless LAN switch
System Management	ACPI support, SM BIOS compliant, Wake-on-LAN
Pre-installed OS	Microsoft® Windows® XP Tablet PC Edition
Bundled software & CD	Toshiba Utilities and Drivers, Microsoft® Office OneNote™ 2003, Microsoft® Internet Explorer, Microsoft® Media Player, Acrobat Reader V5.0, Symbol Commander, InterVideo WinDVD, Dragn Drop, Toshiba Access Code Logon Utility, Toshiba Zooming Utility, Toshiba Diagnostics Tool, Toshiba Management Console, Toshiba Configuration Builder CD
Dimensions (W x D x H) <sup>5</sup>	295 x 249 x 33.2/36.9mm (front/back)
Weight <sup>6</sup>	2.0kg (min) – 2.1kg (max)
Warranty	3-year parts & labor, 1-year battery International Limited Warranty.
Options	PA3311U-1M25 256MB DDR SDRAM Memory Kit PA3312U-1M51 512MB DDR SDRAM Memory Kit PA3313U-1M1G 1024MB DDR SDRAM Memory Kit PA3283U-1ACA Universal 75W AC Adaptor PA3191U-3BAS Lithium-Ion Rechargeable 6-Cell Battery Pack PA3109U-1FDD USB Floppy Disk Drive Kit PA3316U-1ETC Toshiba Tablet PC Pen PA3317U-1ETC Toshiba Tablet Reserve Pen PA3315U-1PRP Toshiba Tablet Multi Dock Interfaces: Slim SelectBay x1, RGB, USB 2.0 x3, RJ-45 (pass-through), Line-out, Expansion Bus, DC-in PA3116U-1H30 30GB (4,200 rpm) HDD Kit (requires Slim SelectBay HDD adaptor – PA3134U-1ETC & Toshiba Tablet Multi Dock – PA3315U-1PRP) PA3133U-1H40 40GB (5,400 rpm) HDD Kit (requires Slim SelectBay HDD adaptor – PA3134U-1ETC & Toshiba Tablet Multi Dock – PA3315U-1PRP) PA3204U-1H60 60GB (5,400 rpm) HDD Kit (requires Slim SelectBay HDD adaptor – PA3134U-1ETC & Toshiba Tablet Multi Dock – PA3315U-1PRP) PA3134U-1ETC Slim SelectBay HDD Adaptor (requires Toshiba Tablet Multi Dock – PA3315U-1PRP) PA3137L-3CD2 Slim SelectBay 24X/10X/24X/8X CDRW/DVD-ROM Drive Kit (requires Toshiba Tablet Multi Dock – PA3315U-1PRP) PA3231L-1DV1 Slim Select Bay DVD Multi (DVD-R/RW/RAM) Drive Kit (requires Toshiba Tablet Multi Dock – PA3315U-1PRP) PA3224U-2ETC TOSHIBA Style Bay Bridge Media Adaptor (requires Toshiba Tablet Multi Dock – PA3315U-1PRP) PA3235U-4BTM Bluetooth Module Kit <sup>3</sup> PA3271U-1BTD Bluetooth SD Card <sup>3</sup> PA3352L-1CD2 Toshiba External DVD-ROM Drive (PC Card) PA3246L-1DVD Toshiba External CD-RW/DVD-ROM Drive (USB 2.0) PADVD010U Targus External DVD-ROM Drive (USB 2.0) PACMB010U Targus External CD-RW/DVD-ROM Drive (USB 2.0) PA410Y001X Targus Defcon Notebook Cable Lock PA017Y002X Targus Notebook Light PACR001Y001X Targus USB 2.0 6-in-1 Card Reader/Writer PA3079T-1PCC Toshiba 2GB Type II PC Card HDD OA1007-DCULC Toshiba Ultraportable Leather Case OA1022-DCMBP Toshiba Deluxe BackPack TWU-SCG01 SelectServ 1-year Screen Breakage Protection TWU-SCG02 SelectServ 2-year Screen Breakage Protection TWU-SCG03 SelectServ 3-year Screen Breakage Protection

<sup>1</sup> CPU performance in your computer product may vary from specifications under some conditions. Please visit [pc.toshiba-asia.com/support/cpinfo](http://pc.toshiba-asia.com/support/cpinfo) for more detailed information.

<sup>2</sup> 2048MB is achieved by removing the standard 512MB Memory Kit and inserting two optional 1024MB Memory Kits (2 memory slots are available).

<sup>3</sup> Applicable to countries where official Type Approval is obtained. The integrated Wireless LAN on supports Channel 1-13.

<sup>4</sup> Battery life may vary depending on product models, configuration, applications, power management settings and features utilized. 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. These models achieved the battery life times shown using Ziff Davis Media Inc.'s Business Winstone® 2002 BatteryMark™ Version 1.0. These tests were performed without independent verification by the VeriTest testing division of Lionbridge Technologies, Inc. ("VeriTest"). Neither Ziff Davis Media Inc. nor VeriTest makes any representations or warranties as to the results of the tests. Winstone® is a registered trademark and BatteryMark™ is a trademark of Ziff Davis Publishing Holdings Inc. in the U.S. and other countries. Copyright 2002 Ziff Davis Media Inc. All Rights Reserved. A description of the environment under which the tests were performed is available at [pc.toshiba-asia.com/support/batterylife](http://pc.toshiba-asia.com/support/batterylife).

<sup>5</sup> Weight may vary depending on Slim SelectBay components

<sup>6</sup> Thickness may vary at certain points on the system.

HDD calculation: 1GB means 1 billion bytes

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.

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The Standard for Wireless Fidelity.



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