

Toshiba recommends Windows Vista® Business.

# TECRA M9

The Tecra M9 delivers on-demand performance, lock-tight security and reliability. The latest Intel® Centrino® Duo processor technology offers best manageability while the Nvidia Quadro® NVS 130M provides flawless widescreen performance. This 14.1" thin-and-light notebook extends battery-operating times and integrates premium Toshiba EasyGuard features to boost productivity. Platform stability, a three-year warranty and docking/SelectBay support combine to reduce TCO.



## SPECIFICATIONS

PART NUMBER	PTM90A-08P03H	PTM91A-05504L	PTM91A-0E104L	PTM91A-0EY04L
CPU*	Intel® Core™ 2 Duo Processor T7250 (2.0GHz, 800MHz FSB, 2MB L2 cache)	Intel® Core™ 2 Duo Processor T7250 (2.0GHz, 800MHz FSB, 2MB L2 cache)	Intel® Core™ 2 Duo Processor T7500 (2.2GHz, 800MHz FSB, 4MB L2 cache)	Intel® Core™ 2 Duo Processor T7700 (2.4GHz, 800MHz FSB, 4MB L2 cache)
	Mobile Intel® 965GM Express Chipset		Mobile Intel® 965PM Express Chipset	
OPERATING SYSTEM	Genuine Windows Vista® Business (OEM) with XP Pro Media Downgrade			
HDD*	80GB (5400 rpm) 2.5" SATA HDD	120GB (5400 rpm) 2.5" SATA HDD	160GB (5400 rpm) 2.5" SATA	
MEMORY*	1GB DDR2 667 expandable to 4GB* (one slot used, one slot free)		2GB (1GB+1GB) DDR2 667 expandable to 4GB* (both slots used)	2GB DDR2 667 expandable to 4GB* (one slot used, one slot free)
COLOUR DISPLAY*	14.1" WXGA Active Matrix (1280x800 resolution)			14.1" WXGA+ Active Matrix (1440x900 resolution)
VIDEO/GRAPHICS*	Intel® Graphics Media Accelerator GM965 / X3100 with up to 358MB shared graphics memory	NVIDIA® Quadro® NVS with 383MB up to graphics memory (128MB dedicated + up to 255MB using TurboCache Technology) TurboCache capacity subject to available RAM, OS + AMT setting		
ODD*	DVD SuperMulti Double/Dual Layer Read: CD-ROM 24x, DVD-ROM 8xWrite: CD-R 24x, CD-RW 4x, HS CD-RW 10x, DVD-R 8x, DVD-R DL 2x, DVD-RW 4x, DVD+R 8x, DVD+R DL 2.4x, DVD+RRW 4x, DVD-RAM 5x			
EXPANSION	1 x Type II PC card slot, RGB, 3 x USB 2.0, Secure Digital® media slot, Slim SelectBay™, headphone & microphone port, Serial port			
WIRELESS COMMUNICATIONS	Integrated Intel® 802.11 a/g/n, Bluetooth™ V2.0 + EDR			
BIOS	ACPI, PnP, VESA, DPMS, DDC, SM BIOS support, PCI BIOS support, TSETUP			
EXTERNAL CRT SUPPORT	RGB external VGA display			
DISKETTE DRIVE	Optional external USB floppy diskette drive			
AUDIO	Intel® High Definition Audio			
SPEAKERS	Stereo Speakers			
OPTIONAL EXPRESS PORT REP	4 x USB 2.0, RJ45 Ethernet, RGB External VGA, DVI Display support			
WIRED COMMUNICATIONS	V.92 data + fax modem; Integrated Intel® 1Gbit Tx Ethernet	V.92 data + fax modem & Integrated Intel® 1Gbit TX Ethernet Active Management Technology (AMT) 2.5		
PRIMARY BATTERY*	6 cell Lithium-Ion battery (up to 4 hours)			
OPTIONAL BATTERY*	Optional 9 cell (up to 6 hours) or 12 cell (up to 9 hours) Lithium-Ion battery			
POWER SUPPLY	75W worldwide AC adaptor			
KEYBOARD	New Vista keyboard with integrated Dual point TouchPad™ and Accupoint™ pointing devices, Toshiba Assist & Presentation Buttons			
DIMENSIONS (W X D X H)**	336mm(w) x 245mm(d) x 31.6/36.3mm(h)			
WEIGHT (KG)	From 2.47kg			
SECURITY	User and supervisor password prevents unauthorised access to startup the Notebook at the BIOS level Hard disk password prevents unauthorised access to the Hard Disk and can be synchronised with the user password Kensington cable lock slot for optional theft protection devices XD-Bit to aid protection against malicious code Biometric security with advanced Fingerprint sensor with Toshiba Fingerprint Utility Trusted Platform Module (TPM) for hardware encryption			
OTHER SOFTWARE	Toshiba User's Manual, Toshiba Value Added Package (inc Toshiba Assist, Toshiba Zooming Utility, Toshiba Console, Toshiba Recovery), Norton Internet Security™ 2007 (90 day trial), Toshiba Disc Creator, InterVideo® WinDVD™, ConfigFree™, Adobe Acrobat Reader 8.0			
WARRANTY <sup>9</sup>	3 Year limited international parts and labour warranty, Australia and New Zealand warranty includes complementary courier pick-up and return service. Optional Upgrade 1: SSWA-06033M Upgrade to 3 year to next business day on-site in Metropolitan areas (Australia and New Zealand). Optional Upgrade 2: SSWA-06033R - Upgrade to 3 year next business day on-site service Australia-wide coverage (Australia only) Optional Upgrade 2: SSWA-06033R Upgrade to 3 year next business day on-site Australia-wide (Australia only)			
ENVIRONMENTAL SPECIFICATIONS	Fully RoHS Compliant Temperature (Operating): 5° to 35°C; Thermal gradient (Operating): 15°C/hour; Relative humidity (Operating): 20% to 80%; Shock (Operating): 7G; Vibration (Operating): 0.2G			

# TECRA M9

## Solutions | to go

### ACCESSORIES

### ExtraGear™

PA3512U-1M1G	Toshiba DDR2-667 1GB Memory module
PA3513U-1M2G	Toshiba DDR2-667 2GB Memory module
PA3378E-3AC3B	Toshiba 3-Pin AC Adaptor (75w) includes power cord
PA3588U-1BAS	Toshiba Battery (6 cell / 5100mAh / Li-Ion)
PA3509U-1BAM	Toshiba Extended Capacity Battery (9 cell / 7050mAh / Li-Ion)
PA3357U-3BAL	Toshiba High Capacity Battery (12 cell / 8800mAh / Li-Ion)
PA3091E-2CHGB	Toshiba Battery Recharger
PA3109U-3FDD	Toshiba USB FDD kit - (Black)
PA3508A-1PRP	Toshiba Express Port Replicator
PA3542A-2PRP	Toshiba dynadock USB Port Replicator
PA3408U-2ETC	Ultra Slim SelectBay HDD adaptor for optional HDD
PA3430U-2HA0	100GB Hard Disk Drive kit (5400rpm SATA) - *Requires Slim SelectBay HDD adaptor PA3408U-2ETC
KENS64020	Kensington Slim Microsaver Security Lock W/Two Keys
PAUM004/TOSH	Toshiba USB Optical 3 Button Scroller Mouse
PAUM011/TOSH	Toshiba blue optical mini mouse with retractable cable
PA1391U-1NKB	Toshiba USB Slim Keyboard with 2-Port USB Hub
PA3555U-1ETC	Toshiba USB Data Link (compatible with Windows 2000, XP and Vista)
PA3554U-1CAM	Toshiba Webcam USB (v1.1), 640 X 480 pixel CMOS sensor, 1.3 Mega pixel
PA3579U-1ETC	Toshiba Universal Notebook/Projector Stand
FRIEND2	Toshiba Koskin Carry Bag
CARRYALL	Toshiba Dobby Oxford Carry case with Shoulder Strap and handle
PX1196E-1NCA	Toshiba Business Roller



PA3513U-1M2G  
Toshiba DDR2-667 2GB  
Memory Module



PX1196E-1NCA  
Toshiba Business Roller  
(Compatible for up 15.4"  
notebooks only)



PAUM004/TOSH  
Toshiba USB optical 3  
Button Scroller Mouse



PA3508A-1PRP  
Toshiba Express Port  
Replicator

### SERVICES:

<b>ExtraGuard™</b>	Optional warranty upgrades
<b>DRS - 3Y</b>	Best effort to recover data from the Notebook HDD due to physical damage, human or software error & virus contamination.
<b>ASP - 3Y</b>	Toshiba will fix your Notebook in the event of accidental damage (excludes theft & loss)
<b>WAREXT-4</b>	Extends standard warranty from 3 years to 4 years
<b>SSWA-06033M</b>	Upgrade to 3 year next business day on-site service, Metropolitan coverage (Australia & New Zealand)
<b>SSWA-06033R</b>	Upgrade to 3 year next business day on-site service Australia-wide coverage (Australia only)
<b>SSWA-06033SD</b>	Upgrade to 3 year next business day on-site service with Secure Data, Metropolitan coverage (Australia & New Zealand)
<b>SSWA-06033SDR</b>	Upgrade to 3 year next business day on-site service with Secure Data, Australia-wide coverage (Australia only)

§ Terms & Conditions

Services may be provided by Toshiba or its nominated Service Partners. See [www.toshibanotebook.com.au/extraguard](http://www.toshibanotebook.com.au/extraguard) for coverage areas plus Terms & Conditions for each service.

## Toshiba EasyGuard

Carefree Mobile Computing

	PROTECT	CONNECT	SECURE	OPTIMISE
	3D HDD Protection			
	Shock Protection Design			
	Spill Resistant Keyboard			
	PC Diagnostic Tool			
	Easy Fix Components			
	Magnesium Alloy Chassis			
	Kensington Lock			
	Durable Design			
		Diversity Antenna		
		Toshiba ConfigFree®		
		Toshiba Summit		
			Password Utilities	
			Trusted Platform Module	
			XD-Bit	
			Device Lock Utility	
			Fingerprint Reader	
			Toshiba anti-theft timer	
			SD Token	
				Toshiba Presentation Button
				Toshiba Zooming Utility
				One-Touch Resolution Change
				Toshiba Power Save
				Toshiba ODD Power On/Off Utility
				Wireless On/Off Switch
				Toshiba Fn-esse®/Hotkeys
				Toshiba Mouse Utility

13 30 70 (AUSTRALIA) 0800 441 615 (NEW ZEALAND)

[www.isd.toshiba.com.au](http://www.isd.toshiba.com.au) or [www.toshiba.co.nz](http://www.toshiba.co.nz)

PLEASE DIRECT ALL ENQUIRES TO:

Toshiba (Australia) Pty. Limited ABN 19 001 320 421 NB: Toshiba Notebook and EasyGuard features will vary between models specifications. \*Toshiba Notebooks are subject to technology limitations. It is important that you understand Toshiba's policy for Central Processing Unit (CPU) performance, non-conforming screen pixels, gigabyte measurement, VRAM capacity, battery life variance, operating system and other specific technologies. For further details and specifications, you are recommended to visit Toshiba's website [www.isd.toshiba.com.au](http://www.isd.toshiba.com.au) or phone Toshiba on 13 30 70 (Australia) 0800 441 615 (New Zealand). \*CD/DVD write capability may vary depending on the type/brand of media utilised. \*\*If 4GB is installed, the recognized memory may be reduced (depending on system configuration and memory allocation) ††Thickness may vary at certain points on the system. §Terms and conditions apply, see [www.isd.toshiba.com.au](http://www.isd.toshiba.com.au) or your Toshiba Reseller for details. EasyGuard spill resistant keyboard concept will help safeguard the notebook from certain small volume accidental spills and allow users several minutes to close any open files and turn off the machine. EasyGuard shock protection system provides your notebook with a higher impact protection and reliability to your key hardware components. All images are for illustration purposes only. Actual product may vary from image depicted. The product you have selected may not have all the features and specifications corresponding to all of the icons or switches shown in the illustration or in store display. Because of the dynamic nature of this industry, versions, product details and availability are subject to change on a continual basis without prior notice. You are recommended to visit Toshiba's website [www.isd.toshiba.com.au](http://www.isd.toshiba.com.au) or phone Toshiba on 13 30 70 (Australia) 0800 441 615 (New Zealand) or your Authorised Retailer to confirm product specifications, capability, and functionality before purchasing your unit. Specifications subject to change without notice. Trademarks as indicated are registered trademarks and are the property of the respective owners. Toshiba Australia Information Systems Division 12/07.