



Tecra M2

The Tecra M2 series is the ideal mobile computing platform for business. Now mobile executives are free to roam wherever business takes them and enjoy improved levels of productivity with the latest generation Intel® Pentium® M Processors for breakthrough performance, extended battery life and superior wireless capabilities. The Tecra M2 features the new innovative DVD SuperMulti drive which supports compatibility across all standard DVD media formats. Easy to deploy and manage via a scalable technology platform, the Tecra M2 offers versatile expansion options and a long product lifecycle to reduce the overall cost of managing a fleet of Notebook PCs across your organisation.

MODEL	CPU	MEMORY	DISPLAY	HDD	DRIVE	Wi-Fi	BLUETOOTH	O/S
PTM20A-4MPOW	P-M 715, 1.5GHz	512MB	14.1" TFT	40GB	DVD SuperMulti	Intel Pro 802.11b/g	Antenna Only	WinXP Pro
PTM20A-4MPOX	P-M 725, 1.6GHz	512MB	14.1" TFT	60GB	DVD SuperMulti	Intel Pro 802.11b/g	Antenna Only	WinXP Pro
PTM20A-OR34H	P-M 735, 1.7GHz	512MB	14.1" TFT	60GB	DVD SuperMulti	Intel Pro 802.11b/g	Antenna Only	WinXP Pro
PTM20A-0QCEH	P-M 745, 1.8GHz	512MB	14.1" TFT	80GB	DVD SuperMulti	Intel Pro 802.11b/g	Yes	WinXP Pro

^{AA} SelectBay 2nd battery is only compatible with Tecra M1.

^{*} Part number PTM20A-0QCEH is Bluetooth enabled (other models require optional Bluetooth card).



Business professional performance

- Toshiba's new DVD SuperMulti[™] drive allows you to read and write to all standard CD and DVD media formats including DVD-RAM and provides additional backup and storage options with the power to act as a second hard drive for all your valuable data.

Easy to deploy and manage

- Reduce the costs of evaluating, deploying and training users on new models with the consistent 'software image' and long lifecycles.
- Protect your Tecra assets by tracking them with the integrated asset tag and Toshiba Management Console (including MAC address and serial number).
- Save money by sharing common Toshiba Slim SelectBay[™] accessories across the TE2300, Tecra S1, Tecra M1 and Portégé M100^{^^}.

Flexible, expandable and portable design

- Enjoy a full day's battery life up to 11 hours with optional batteries.
- Double storage capacity or extend battery life with a range of innovative Slim SelectBay accessories including DVD SuperMulti drive, second battery^{^^} or hard disk drive.
- Advanced compatibility and capability with Secure Digital media and next generation wireless technologies.

Convenient and reliable communication

- Choose Bluetooth[®] wireless technology^{*}, fast Infrared, built-in V.92 modem, 10/100/1000 Ethernet or even PC card support for 3G connectivity to communicate in any environment.
- Stay connected without wires to secure commercial networks using the integrated Wi-Fi (IEEE 802.11b/g) wireless communication.
- Connect to the fastest network connectivity available today with the built-in gigabit Ethernet.
- Move between various network environments with greater ease using pre-installed Toshiba ConfigFree[™] software which simplifies the way you connect to your wired and wireless networks.

Complete mobile solution

- Benefit from the advice of an experienced Toshiba Authorised Reseller to help you customise the ideal mobile computing solution with relevant product accessories and essential services including insurance and finance.



TECRA M2



Toshiba dual pointing device



DVD SuperMulti



Docking



Tecra M2

Processor

Mobile Intel® Pentium® M Processor 715 (1.5GHz), 725 (1.6GHz), 735 (1.7GHz) or 745 (1.8GHz)
Integrated 2MB on-die Level 2 cache

System architecture

Intel 82855PM + 82801DBM chipset
400MHz Front Side System Bus

Hard disk

40GB, 60GB or 80GB capacity (5400rpm)

Memory

512MB PC2700 DDR333 expandable to 2GB

BIOS

ACPI, PnP, VESA, DPMS, DDC, TSETUP, SM BIOS, PCI BIOS

Colour display

14.1" TFT Active Matrix XGA 1024x768 resolution

Video

nVIDIA® GeForce™ FX Go5200 graphics with 64MB DDR video memory

External CRT support

RGB external VGA display, TV-Out (S-Video)

Diskette drive

Optional external USB floppy diskette drive

Optical drive

DVD SuperMulti

CD-ROM (24x), CD-R (16x), CD-RW (8x), DVD-ROM (8x), DVD-R (4x), DVD-RW (24x), DVD+R (24x), DVD+RW (24x), DVD-RAM (2x)

Audio

ADI AD1981B AC'97 Software Sound
Stereo speakers

Expansion

SD slot, Two Type II PC card slots, parallel, Infrared, RGB, TV-Out (S-Video), 2 x USB 2.0, iLink (IEEE1394), modem, LAN, headphone port, microphone port, Slim SelectBay™, Expansion Bus for Port Replicator, one free memory slot

Optional Advanced Port Replicator

RJ-11 modem and RJ45 Ethernet port
4xUSB 2.0, one parallel, one serial port
PS/2® mouse/keyboard port
RGB external VGA, DVI display port
Audio line-in and line-out, IEEE 1394
DC power in, AC adaptor and power cord
Kensington cable lock slot

Communications

V.90/92 modem, Intel 10/100/1000 Ethernet
Integrated Bluetooth® antenna
Integrated Bluetooth® in PTM20A-0QCEH
Integrated wireless LAN antenna
Integrated Intel Wi-Fi mini PCI card 802.11b/g

Battery

4 hours with primary battery
6 cell 4400mAh Lithium-Ion battery
7 hours with primary and secondary battery
Optional 6 cell 3600mAh secondary Lithium-Ion battery
Optional 12 cell 8800mAh main battery
11 hours with optional 12 cell 8800mAh Lithium-Ion battery and secondary battery

Power supply

75W worldwide AC adaptor

Keyboard

85 key keyboard, integrated Accupoint™ and TouchPad™ pointing device
Presentation button
Toshiba console button

Dimensions (w x d x h)*†

314mm x 259mm x 34.9-31.5mm

Weight

From 2.26kg (with 14", 40GB, 256MB, DVD, 6 cell)

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

Environmental specifications

Temperature: 5° to 35° C
Thermal gradient: 15°C/hour
Relative humidity: 20% to 80%
Shock: 7G
Vibration: 0.2G

Software

Microsoft® Windows XP Professional
Drivers for hardware
Drag 'n Drop CD+DVD
WinDVD player
Toshiba Management Console
ConfigFree™
Toshiba IP Phone
Microsoft® OneNote

Warranty

1 year international parts and labour
Domestic warranty includes free courier pick up and return warranty service

Featured part numbers

PTM20A-4MP0W	Tecra M2 P-M 715, (1.5GHz) 14.1" XGA 512MB 40GB DVD SuperMulti WinXP-Pro 802.11b/g, BT antenna
PTM20A-4MP0X	Tecra M2 P-M 725 (1.6GHz) 14.1" XGA 512MB 60GB DVD SuperMulti WinXP-Pro 802.11b/g, BT antenna
PTM20A-0R34H	Tecra M2 P-M 735 (1.7GHz) 14.1" XGA 512MB 60GB DVD SuperMulti WinXP-Pro 802.11b/g, BT antenna
PTM20A-0QCEH	Tecra M2 P-M 745 (1.8GHz) 14.1" XGA 512MB 80GB DVD SuperMulti WinXP-Pro 802.11b/g, BT

Optional warranty upgrades

WAREXT	2 year extended warranty
SSWA-06013M	3 year next business day service metropolitan (Australia only)
SSWA-06013R	3 year next business day service regional (Australia only)

Accessories

KTT3311/256I	Kingston® 256MB PC2700 DDR memory module
KTT3311/512I	Kingston 512MB PC2700 DDR memory module
KTT3311/1GI	Kingston 1024MB PC2700 DDR memory module

KUSBDTE/256	Kingston 256MB data traveller elite USB flash memory drive (V2-0)
KUSBDTE/512	Kingston 512MB data traveller elite USB flash memory drive (V2-0)
KUSBDTE/1GB	Kingston 1024MB data traveller elite USB flash memory drive (V2-0)
KUSBDTE/2GB	Kingston 2048MB data traveller elite USB flash memory drive (V2-0)
PA3283E-2ACAB	Universal AC adaptor (75W)
PA3356U-1BAS	Primary battery 6 cell
PA3357U-1BAL	High capacity battery 12 cell
PA3129U-2BAS	Slim SelectBay™ 2nd battery pack
PA3091E-1CHGB	Battery recharger
PA3314U-1PRPB	Advanced Port Replicator III
PA3134U-1ETC	Slim SelectBay HDD adaptor
PA3133U-1H40	40GB HDD (Requires PA3134U-1ETC)
PA3204U-1H60	60GB HDD (Requires PA3134U-1ETC)
PA3230U-1H80	80GB HDD (Requires PA3134U-1ETC)
PA3231A-1DV1	Slim SelectBay DVD multi drive kit
PA3358A-1DV5	Slim Select Bay DVD +R/-RW drive kit
PA3359A-1DV2	Slim Select Bay DVD SuperMulti drive kit
PA3109U-1FDD	External USB floppy disk drive kit
PA3298U-1MPC	Atheros wireless LAN 802.11a/b/g combo mini PCI card
PA3363U-1MPC	Intel wireless LAN 802.11b/g combo mini PCI card
PA3235U-4BTM	Bluetooth module kit
KENS33085	Kensington Bluetooth® USB adaptor
IOM2111	lomega FDD plus 7-in-1 USB card reader
IOM2949	lomega portable 40GB external USB HDD
IOM2955	lomega REV 35GB external USB drive
APM10AU	Targus auto/air/AC adaptor (70W)
SBIO-S-256	Xelios SecureBioDrive 256MB + software
SBIO-S-2048	Xelios SecureBioDrive 2048MB + software
plbPRO-BSK-25	Xelios PC login biometrics pro fingerprint security key
S-P-TOSH	BSS stoptrack antitheft kit
KENS64020	Kensington Slim Microsaver™ security lock with key lock
DEFCON Lock	Targus Defcon cable security with combination lock
DEFCON1	Targus personal security device
PA247U	Targus Notebook black stand
PA235U	Targus universal black monitor stand
KENS72104	Kensington Bluetooth pocketmouse
PAWM001U	Targus wireless mouse and presenter 2.4GHz
PAUM01U	Targus USB ultra-mini optical mouse with retracting cable
PAUM004U	Targus USB optical 3-button scroller mouse
PAWM10U	Targus USB wireless optical Notebook mouse (with power management)
PAUH216F	Targus slim 4-port USB 2.0 pocket hub with AC adaptor
PAKB020	Targus slimline silver multimedia USB keyboard
PAKB010U	Targus black standard USB 104 windows keyboard
TSB212/TSB215	Targus sports line backpack (silver/black or blue/black)
Friend2	Toshiba koskin carry bag
CarryAll	Toshiba dobbie oxford carry bag
SlimLine	Toshiba slimline koskin carry bag
Commuter	Toshiba dobbie oxford travel carry bag
Leather B/Case	Toshiba executive leather briefcase
TFS101	Targus free spirit multipac (converts to a backpack)
TFS201F	Targus free spirit messenger bag
OCN700	Targus side access overmiter roller case

Please direct all enquiries to:

Toshiba (Australia) Pty. Limited ABN 19 001 320 421 NB: *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 >1000 meters or >3280 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. *1GB means 1 billion bytes. #Display: Toshiba warranty does not cover limitations in technology such as non-conforming pixels. The TFT display may present up to 6 non-conforming pixels, (bright or dark spots) representing less than 0.003% error rate. These cases are a limitation of technology and do not represent a defect in material. 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 TFT manufacturing technology. Refer to Toshiba's website for further details. †Battery life may vary depending on configuration, applications, power management settings and features utilised. Recharge time varies depending on usage. Battery life depends on usage and is measured using MobileMark 2002, with configuration: Pentium M 1.7GHz, 14.1" TFT XGA, 512MB, 60GB, DVD-Multi, modem, LAN, WinXP Pro. 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 your Toshiba Authorised Reseller. Battery is eligible for 12 months domestic warranty only. ††Thickness may vary at certain points on the system. §Terms and conditions apply, see www.isd.toshiba.com.au or your Toshiba Reseller for details. 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 10/04.

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