



TECRA 8100

The Toshiba Tecra® 8100 series of notebook PCs offers the ultimate desktop-replacement solution for corporate business users requiring solid performance and an outstandingly low Total Cost of Ownership (TCO). With power, expansion, 3D graphics and an exceptional reliability record, it's no wonder the Toshiba Tecra 8100 series is the chosen notebook PC platform for the new corporate world.

| MODEL | CPU | MEMORY | DISPLAY | HARD DISK | DRIVE |
|-----------------|-------------|--------|-----------|-----------|-------|
| TECRA 8100/P600 | PIII 600MHZ | 64MB | 14.1" TFT | 12GB | DVD |
| TECRA 8100/P700 | PIII 700MHZ | 128MB | 14.1" TFT | 12GB | DVD |
| TECRA 8100/P750 | PIII 750MHZ | 128MB | 14.1" TFT | 20GB | DVD |
| TECRA 8100/P850 | PIII 850MHZ | 128MB | 14.1" TFT | 20GB | DVD |

ADVANCED TECHNOLOGIES

- Run demanding applications with the highest performance Intel Pentium III SpeedStep™ processors
- Power through graphics intensive applications with ease using the stunning 3D Savage MX graphic processor

LOW TOTAL COST OF OWNERSHIP

- Achieve long term cost effective computing with upgradable components and long product cycle support
- Single platform and software image

SUPERIOR RELIABILITY

- Shock protected components
- Strong magnesium alloy casing
- Advanced internal thermal management

OUTSTANDING EXPANDABILITY

- Custom configure your Tecra with the largest range of options including the unique SelectBay™ upgradeable system, Port Replicators and Docking Stations

Toshiba PCs use genuine Microsoft® Windows®

<http://www.microsoft.com/piracy/howtotell>

It's a whole new world out there.

TOSHIBA

TECRA 8100



Port Replicator



Expansion Station



DVD Multimedia



TECRA 8100 SERIES

PROCESSOR

Choice of Intel® Mobile Pentium® III Processor:

- Intel Pentium III 600MHz with SpeedStep™ 256Kb internal L2 cache
- Intel Pentium III 700MHz with SpeedStep™ 256Kb internal L2 cache
- Intel Pentium III 750MHz with SpeedStep™ 256Kb internal L2 cache
- Intel Pentium III 850MHz with SpeedStep™ 256Kb internal L2 cache

MEMORY

64MB or 128MB expandable to 512MB
Synchronous PC100 SDRAM memory
Two expansion memory slots (At least one slot is configured with standard memory)

SYSTEM ARCHITECTURE

PCI Bus V2.2
100MHz Frontside Bus
Intel 440BX system chipset with 2x AGP

STORAGE DEVICES

Total storage capacity of 30 billion bytes
Internal Primary 6GB*, 12GB* or 20GB* Enhanced IDE hard disk drive
SelectBay™ Secondary 6GB*, 12GB* or 20GB* Enhanced IDE hard disk drive

Hard disk interfaces support S.M.A.R.T Drives, Bus Master IDE and UltraDMA modes
Primary drive bay accommodates 9.5mm or 12.7mm height hard disk drives and 12.7mm height hard disk drive in SelectBay™
Internal SelectBay™ maximum 24X speed CD-ROM
Internal SelectBay™ maximum 6X speed region 4 (Region Protection Control 2) DVD-ROM and maximum 24X CD-ROM
Internal SelectBay™ or external 1.44MB 3.5" diskette drive
Windows 98/2000 Hot Swap for SelectBay™ devices

VIDEO

S3 Savage MX 3D hardware graphics display controller
8MB integrated SGRAM with 2 x AGP

INTERNAL DISPLAY

14.1" Active matrix TFT display at 1024 x 768 resolution
Simultaneous display of up to 16 million colours

EXTERNAL DISPLAY SUPPORT

Simultaneous display up to 1600 x 1200 resolution (15 Pin VGA connector)
Software selectable PAL video out

KEYBOARD

Full Function, standard key-spaced, 85 key sculptured keyboard (includes dedicated Microsoft Windows keys)
Accupoint™ II integrated pointing device

MULTIMEDIA

Yamaha YM744B PCI sound processor
Two inbuilt stereo speakers
SelectBay™ CD-ROM drive or DVD-ROM drive
Volume Control
Integrated Microphone
Sound Blaster Pro™ compatible

COMMUNICATIONS

Integrated international 56k V.90 modem**
RJ11 port on side of system
Integrated 10/100 Ethernet controller in optional Port Replicator

EXPANSION

Two PC Card V2.01 slots supporting either:
- 2 x Type II (5mm) PC Cards or 1 x Type III (10.5mm)
- 32-bit CardBus Compatible

Universal Serial Bus (USB) Port
9 Pin RS-232C (16550 UART) Serial Port
Parallel Printer Port (ECP)
Connector for external SVGA display

Composite Video-out port (PAL/NTSC)
Fast Infrared Port (Irda1.1 = 4Mbps)
PS/2 Keyboard or Mouse Port (Y connector supported)
Headphone Jack
Microphone Jack
240 pin Docking Connector

POWER SYSTEM

Lightweight removable, rechargeable Li Ion battery (48.6Wh)
Battery life greater than 3.5+ hours** with standard battery and greater than 6 hours with secondary battery
Battery recharge 3.5+ hours
Worldwide auto-sensing AC Power Adapter

SECURITY

Keyboard Lock
Hard Disk Access Password Utility - available on request
Power on Passwords (2-level password)
Kensington Cable Lock Slot

RELIABILITY

Carbon Reinforced ABS Plastic and Magnesium Alloy Casework
Internal Structural Bracing
Vibration and corrosion proof Anodised Screws sealed with Loctite™
Shock Proof mounting for Hard Disk and Display
Active Thermal Management for longer life

COMPATIBILITY

SM 2.3 BIOS Support with Asset Tagging
ACPI Power Management
Microsoft PC99 Logo Certified
Year 2000 Compliant

STANDARD PACKAGING INCLUDES

Tecra 8100 system
Choice of Windows 95/98 or Windows NT4.0/W2K operating system
Windows 95/98 or NT4.0/W2K utilities for Toshiba enhanced capabilities
Recovery CD for Windows 95/98 or Windows NT4.0/W2K
Intel LAN Desk Client Manager
Lithium Ion Battery
Integrated Diskette Drive
Integrated Hard Disk Drive
CD-ROM or DVD-ROM Drive
Weight Saver
AC Adapter with Power Cord
Tecra 8100 Series User Guide
3 Year Domestic and International Parts and Labour Warranty - includes a free courier pick-up and return service on new models PIII700/12GB, PIII750 and PIII850

DIMENSIONS AND WEIGHT

312mm (Width) x 377mm (Height) x 254mm (Depth)
2.5 kg with weight saver
2.8 kg including CD-ROM or DVD-ROM

ENHANCED PORT REPLICATOR V - OPTIONAL (PA3028U-1PRP)

One 32-bit CardBus compatible PC Card Slot supporting 1 x Type III (10.5mm) PC Card

9 Pin RS-232C (16550 UART) Serial Port
Parallel Printer Port (ECP)
Two Universal Serial Bus (USB) Ports
Connector for external SVGA display
PS/2 Mouse Port
PS/2 Keyboard Port
Line-in and Line-out Jack - 3.5mm
Kensington Cable Lock and Key Security
AC Power Adapter

10/100 NETWORK PORT REPLICATOR II - OPTIONAL

(PA3017U-1PRP)
10/100Mbps RJ45 Fast Ethernet Port using 3Com LAN controller
Wake on LAN System Management

Intel LAN Desk Client Manager
9 Pin RS-232C (16550 UART) Serial Port
Parallel Printer Port (ECP)
Two Universal Serial Bus (USB) Ports
Connector for external SVGA display
PS/2 Mouse Port
PS/2 Keyboard Port
Line-in and Line-out jack - 3.5mm
Kensington Cable Lock and Key Security
Serial PCI Port for Expansion Station (PA3018U-1DST)
AC Power Adapter

EXPANSION STATION - OPTIONAL

(PA3018U-1DST)

Two PCI Slots:

- one PCI ½ card (156mm)
- one PCI ¾ card (234mm)

One Half Height 3.5" Drive Bay

Serial PCI Port for 10/100 Network Port Replicator II (PA3017U-1PRP)

ORDER NUMBERS

| | |
|----------------|---|
| PT810A-12C52 | PII600MHz, 14.1" TFT, 64MB, 12GB, DVD, Win95/98SE |
| PT810A-12C57 | PII600MHz, 14.1" TFT, 64MB, 12GB, DVD, WinNT4/W2K |
| PT810A-16CF2 | PII700MHz, 14.1" TFT, 128MB, 12GB, DVD, Win95/98SE |
| PT810A-16CF7 | PII700MHz, 14.1" TFT, 128MB, 12GB, DVD, WinNT4/W2K |
| PT810A-48CF2 | PII750MHz, 14.1" TFT, 128MB, 20GB, DVD, DAA, Win95/98SE |
| PT810A-48CF7 | PII750MHz, 14.1" TFT, 128MB, 20GB, DVD, DAA, WinNT4/W2K |
| PT810A-4CCF2 | PII850MHz, 14.1" TFT, 128MB, 20GB, DVD, DAA, Win95/98SE |
| PT810A-4CCF7 | PII850MHz, 14.1" TFT, 128MB, 20GB, DVD, DAA, WinNT4/W2K |
| KTT-SO100/64I | 64MB PC100 Memory |
| KTT-SO100/128I | 128MB PC100 Memory |
| KTT-SO100/256I | 256MB PC100 Memory |
| PA2444U Y | Universal AC Adapter |
| PA150U | Universal slimline AC Adapter |
| PA3009U-1BAT | Battery Pack (primary Lilon) 3 + hours*** |
| PA3010U-1BAT | Second Battery Pack Lilon for SelectBay™ |
| PA3011E-1CHG | Battery Charger |
| PA3028U-1PRP | Enhanced Port Replicator V |
| PA3017U-1PRP | 10/100 Network Port Replicator II |
| PA3018A-1DST | Expansion Station (requires PA3017U-1PRP) |
| PA3021U-1OTR | Monitor Stand |
| PA3012U-1H06 | 6GB Primary or SelectBay™ HDD**** |
| PA3027U-1H12 | 12GB Primary or SelectBay™ HDD**** |
| PA3056U-1H20 | 20GB Primary HDD |
| PA3020U-1OTR | SelectBay™ Adapter required for HDD in SelectBay™ |
| PA3022U-1OTR | Expansion Station Selectable Bay HDD Tray (5.25") |
| PA3023U-1OTR | Expansion Station HDD Tray (2.5") |
| PA3014A-1DVD | DVD Drive Kit II (RPC1) |
| PA3015U-1CDD | 24X CD-ROM Drive Kit II |
| PA3053U-1PC | Bluetooth PC Card |
| KENS60648 | Security Cable Lock with Key Lock |
| DEFCON LOCK | Defcon Security Cable Lock with Combination |
| DEFCON 1 | Personal Security Device |
| PA350/TOSH | Auto/Air Power Adapter |
| NWMOSSU | Optical USB Mini-Mouse |
| PALUKO01Y001 | 18-Key Slimline numeric keypad (USB) |
| PA060U | Mini USB Hub |
| Note-Prem | Executive Style Koskin top loading Carry Case |
| Friend | Koskin Carry Bag |
| Classic | Leather Carry Bag |
| Easy Roller | Rolling case with extended handle |

Toshiba PCs use genuine Microsoft® Windows®
<http://www.microsoft.com/piracy/howtotell>

Please direct all enquires to:



Toshiba (Australia) Pty. Limited ACN 001 320 421 NB. *GB indicates one billion bytes when referring to hard disk capacity. Accessible capacity may vary. **Australia, New Zealand, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Japan, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom and USA. ***Battery Life depends on usage and is measured using PC Magazine BatteryMark 2.0. ****Requires PA3020U-1OTR. Specifications subject to change without notice. Toshiba is not responsible for errors in typography or photography. Trademarks as indicated are registered trademarks and are the property of the respective owners. Battery is eligible for 12 months domestic warranty only. Toshiba Australia Information Systems Division 4/01.

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