



TravelMate 6592

Operating System

- > [genuine](#) Windows® XP Professional Genuine Windows® XP Professional
- > [Genuine](#) Windows Vista® Business Genuine Windows Vista® Business
- > [Genuine](#) Windows Vista® Home Premium Genuine Windows Vista® Home Premium

Processor & Chipset

- > Intel® Centrino® PRO mobile processor technology, featuring:
- > Intel® Core™2 Duo processor with up to 4 MB L2 cache
- > Mobile Intel® PM965 Express Chipset, supporting Intel® Active Management Technology (AMT) 2.5
- > Intel® Wireless WiFi Link 4965AGN (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ with InviLink™ Nplify™ wireless technology, or 4965AG, (dual-band tri-mode 802.11a/b/g) Wi-Fi CERTIFIED® network connect supporting Acer SignalUp™ wireless technology

Memory

- > DDR2 memory, upgradeable to 4 GB using dual soDIMM modules (dual-channel support)

HDD

- > S-ATAHard Disk Drive with Acer DASP(Disk Anti-Shock Protection)

Storage

- > Acer MediaBay hot-swappable 80/120/160 GB Serial ATA 2nd hard disk drive
- > Acer MediaBay for hot-swappable optical drive module: DVD-Super Multi Double Layer drive or DVD/CD-RW combo drive
- > 5-in-1 card reader, supporting Secure Digital (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)

Display

- > 15.4" WSXGA+ high-brightness TFT LCD, 1680 x 1050 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™
- > 15.4" WXGA high-brightness TFT LCD, 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™
- > 16.7 million colours
- > Dual independent display support

Graphics

- > ATI Mobility™ Radeon® X2400-XT with up to 1024MB of HyperMemory™ (256MB of dedicated GDDR2 VRAM, 768MB of share system memory) Microsoft DirectX 9 support, PCI Express®
- > ATI Mobility™ Radeon® X2300-HD with up to 896MB of HyperMemory™ (128MB of dedicated GDDR2 VRAM, 768MB of share system memory) Microsoft DirectX 9 support, PCI Express®
- > Mobile Intel® Graphic Media Accelerator X3100 with up to 256MB of Intel Dynamic Video Memory Technology 4.0 (8MB of dedicated DDR2 256MB of share system memory), Microsoft DirectX 9 and DirectX 10 support
- > DualView™ support
- > MPEG-2/DVD hardware assisted capability
- > WMV9 (VC-1) and H.264 (AVC) support (full decode)
- > S-video/TV-out (NTSC/PAL) support
- > DVI-D (true digital video interface) support

Multimedia

- > Two built-in Acer 3DSonic stereo speakers

- > Intel® High-Definition audio support
- > MS-Sound compatible
- > MS-Sound compatible

Communication

- > Acer Video Conference featuring:
 - > Integrated Acer Crystal Eye webcam supporting enhanced Acer Primalite™ technology and optional Acer Xpress VoIP phone or Acer Bluetooth VoIP phone
 - > 56K ITU V.92 modem with PTT approval; Wake-on-Ring ready
 - > Gigabit Ethernet, supporting Intel® AMT 2.5, Wake-on-LAN ready
- > Intel® Wireless WiFi Link 4965AGN (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ with InviLink™ Nplify™ wireless technology, or 4965AG, (dual-band tri-mode 802.11a/b/g) Wi-Fi CERTIFIED® network connection supporting Acer SignalUp™ wireless technology
- > Bluetooth® 2.0+EDR (Enhanced Data Rate) (manufacturing) option

I/O Interfaces

- > 1 x Serial port
- > 1 x Acer Bio-Protection fingerprint reader(manufacturing) option
- > 3 x USB 2.0
- > 1 x Fast infrared (FIR) port
- > 1 x External display (VGA) port
- > 1 x ExpressCard™/54 slot
- > 1 x PC Card slot (Type II)
- > 1 x TravelMate SmartCard reader
- > 5-in-1 card reader (SD/MMC/MS/MS PRO/xD)
- > 1 x S-video/ TV-out (NTSC/PAL) port
- > 1x DVI-D port (on the dedicated graphics version)
- > 1 x IEEE 1394 port
- > 1 x Modem (RJ-11) port
- > 1 x Gigabit Ethernet (RJ-45) port
- > 1 x Speaker/ headphone/ line-out jack
- > 1 x Microphone jack
- > 1 x Line-in jack
- > 1 x Acer ezDock II/ II+ connector
- > 1 x DC-in jack for AC adapter

Security

- > Enhanced Acer DASP (Disk Anti-Shock Protection) Hard Disk drive protection technology
- > TravelMate TPM (Trusted Platform Module) solution supporting Acer eDataSecurity Management
- > TravelMate SmartCard solution
- > Acer Bio-Protection fingerprint solution, featuring TPM-based security, Pre-Boot Authentication (PBA), computer protection, Acer FingerLau Acer FingerNav (when fingerprint reader is integrated)
- > Slot for Kensington lock
- > BIOS user, Hard disk drive and supervisor passwords

Power supply and battery

- > ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes
- > 71W 8-cell Li-ion battery pack
 - 4-hour battery life
 - 6-hour battery life with Acer MediaBay 6-cell 2nd battery pack
- > 44.4 W 6-cell Li-ion battery pack
 - 2.5-hour battery life
 - 4.5-hour battery life with Acer MediaBay 6-cell 2nd battery pack
- > Acer QuicCharge™ technology:
 - 80% charge in 1 hour
 - 2-hour rapid charge system-off
 - 3-hour charge-in-use
- > 3-pin 90W AC Adapter

Keyboard & Special Controls

- > 88-/89-key Acer FineTouch™ keyboard with 5-degree curve, inverted "T" cursor layout, 2.5 mm (minimum) key travel
- > Dual navigation control, featuring Acer FineTrack™ with two FineTrack™ buttons and touchpad with 4-way scroll button
- > Acer Bio-Protection fingerprint reader supporting Acer FingerNav 4-way control function

- 12 function keys; four cursor keys; two Windows® keys; hotkey controls; embedded numeric keypad; international language support
- Easy-launch buttons: email, Internet, Empowering Key, and one user-programmable button
- Two front-access switches: WLAN and Bluetooth®

Weight and dimensions

- 360 (W) x 275 (D) x 34/36.5 (H) mm
- (14.17 x 10.83 x 1.34/1.44 inches)
- 33.1 kg (6.83 lbs.) with 8-cell battery pack and Acer MediaBay 6-cell 2nd battery pack
- 3 kg (6.6 lbs.) with 8-cell battery pack and optical drive
- 2.9 kg (6.39 lbs.) with 6-cell battery pack and optical drive

Quality & Reliability Tests

- Free drop test
- Acoustics test
- Weight and pressure test
- Spillage test
- Shock and vibration test
- Electrostatic discharge immunity test
- MTBF (Mean Time Between Failure) test
- Hinge life test
- Temperature and humidity
- Keyboard-switch life test

Software

- Acer Empowering Technology (eDataSecurity Management / eLock Management / ePerformance Management / eRecovery Management / eSettings Management / eNet Management / ePower Management / ePresentation Management)
- Acer Bio-Protection
- Acer Video Conference Manager
- Acer Crystal Eye
- Acer GridVista™
- Acer Launch Manager
- Adobe Acrobat® Reader™
- Cyberlink PowerDVD®
- NTI® CD Maker™
- McAfee Internet Security Suite 60-day trial version (or equivalent)

Options

- Acer ezDock II (passiv)
- Acer ezDock II+ (active)
- Additional memory modules
- Additional battery pack
- Additional AC adapter
- Acer Xpress VoIP phone or Acer Bluetooth® VoIP phone featuring Acer Video Conference Manager
- Acer MediaBay 80/100/120/160 GB 2nd hard disk drive
- Acer MediaBay 6-cell 3800 mAh Li-ion 2nd battery pack
- External USB floppy disk drive

Certifications

- TCG 1.2
- DMI 2.0
- ACPI 3.0
- Mobile PC 2002
- GS certification
- Wi-Fi®

Warranty

- One-year International Travelers Warranty (ITW)
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