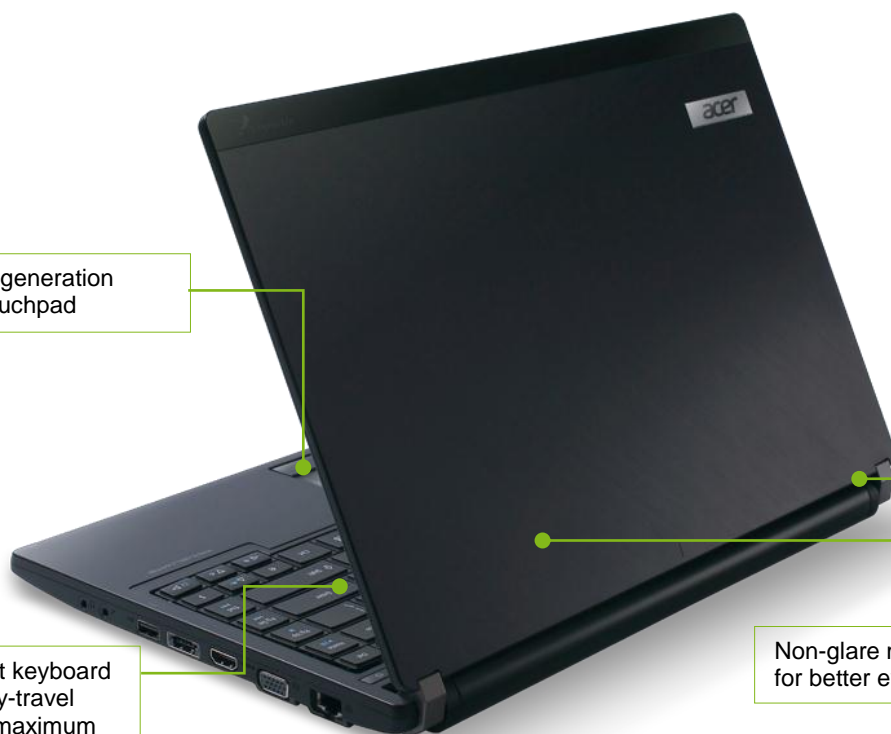# acer
explore beyond limits™

TRAVELMATE
P653-M

Serious machines for serious business

The 15.6" Acer TravelMate P653-M notebook packs an Intel® Core™ processor to deliver rock-solid performance. Trusted Platform Module 1.2 enables robust security, while a fiberglass / Mg-Al alloy chassis ensures durability. This notebook also features a built-in optical drive and long battery life for enhanced productivity on the road.

Oversized next-generation multi-gesture touchpad

Resilient metal case with sturdy alloy hinge

Spill-resistant keyboard with extra key-travel distance for maximum typing comfort

Non-glare matte screen for better eye comfort

Unshakable performance
- 3rd generation Intel® Core™ processor
- Intel HD Graphics 4000 / 3000
- SSD / HDD options and optical drive
- USB 3.0 with power-off USB charging

Robust manageability and security
- Trusted Platform Module (TPM) 1.2
- Fingerprint Reader creates a physical security barrier
- Multi-level Acer ProShield Security from BIOS up
- Acer Office Manager: a simple manageability package for SMBs

Extendibility and long battery life
- Convenient docking with Acer ProDock
- ExpressCard slot lets user attach peripheral devices
- Up to 10 hours of battery life for doing business anywhere
- Acer PowerSmart Management minimizes power usage

Innovative reliability
- Acer DustDefender protects against dust infiltration
- Enhanced Acer Disk Anti-Shock Protection (DASP) technology
- Resilient case design with Mg-Al chassis and metal-alloy hinge with auto-lock
- Spill-resistant keyboard with water drainage

Windows 7 · Intel inside CORE i7 · Intel inside CORE i5 · Intel inside CORE i3 · a b g n Wi-Fi CERTIFIED® · HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE · USB3.0 SuperSpeed · Intel HD GRAPHICS

SignalUp™ · nplify™ · Backup Manager · Bluetooth · HD WEBCAM · Multi-in-1 CARD READER · ProShield Security

Product views					
1 Acer ComfyView LED-backlit TFT LCD		**7** USB 3.0 port with power-off charging		**13** HDMI® port	
2 Acer FineTouch keyboard		**8** Two USB 3.0 ports		**14** External display (VGA) port	
3 Oversized touchpad		**9** Optical drive		**15** USB 2.0 / eSATA port	
4 Fingerprint reader		**10** Ethernet (RJ-45) port		**16** ExpressCard reader	
5 Responsive touchpad buttons		**11** Productivity hotkeys		**17** Smart Card reader	
6 Multi-in-1 card reader		**12** Metal-alloy hinge			

Operating system[1]	Genuine Windows® 7 Professional 64-bit[2]		Genuine Windows® 7 Home Premium 64-bit[2]
	Genuine Windows® 7 Professional 32-bit		Genuine Windows® 7 Home Basic 64-bit[2]
CPU and chipset[1]	Intel® Core™ i7-3612QM processor		Intel® Core™ i3-3110M / i3-2370M processor
	Intel® Core™ i5-3210M / i5-2450M processor		Mobile Intel® HM77 Express Chipset
Memory[1, 3, 4]	Up to 4 GB of DDR3 system memory, upgradable to 8 GB using two soDIMM modules[5] (for 64-bit OS)		
	Up to 2 GB of DDR3 system memory, upgradable to 4 GB using two soDIMM modules[6] (for 32-bit OS)		
Display	15.6" HD 1366 x 768 resolution, Acer ComfyView LED-backlit TFT LCD	Mercury-free, environment-friendly	Super-slim design
Graphics	Intel® HD Graphics 4000 with 128 MB of dedicated system memory, supporting Microsoft® DirectX® 11, OpenGL® 3.1, OpenCL™ 1.1		
	Intel® HD Graphics 3000 with 128 MB of dedicated system memory, supporting Microsoft® DirectX® 10.1		
Audio	High-definition audio support	Two built-in stereo speakers	MS-Sound compatible	Built-in digital microphone
	Acer PureZone technology with two built-in stereo microphones, featuring beam forming, echo cancellation, and noise suppression technologies			
Storage	**Hard disk drive:** 320 / 500 / 750 GB or larger, with enhanced Acer DASP (Disk Anti-Shock Protection)[1, 7]	**Multi-in-1 card reader, supporting:** SD, MMC, MS, MS PRO, xD		
		Solid state drive: 128 / 256 GB[1, 7]		
Optical drive	8x DVD-Super Multi double-layer drive			
Webcam	Acer Video Conference,[1] featuring:			
	• Acer Crystal Eye HD webcam with 1280 x 1024 resolution and 720p HD audio/video recording			
	• Acer Video Conference Manager software, featuring Video Quality Enhancement (VQE) technology, supporting online video calls[8]			
	• Acer PureZone technology			
Wireless and networking	**WLAN:**[1, 9, 10]		**WPAN:**[1] Bluetooth® 4.0+HS
	• Intel® Centrino® Advanced-N 6235, 802.11a/b/g/n Wi-Fi CERTIFIED™ with Acer Nplify™, featuring MIMO technology		**LAN:** Gigabit Ethernet, ASF2.0, IEEE P802.3az Energy Efficient Ethernet™ (EEE)
	• Acer InviLink™ Nplify™ 802.11a/b/g/n Wi-Fi CERTIFIED™		
	• Supporting Acer SignalUp™ wireless tech and Intel® Wireless Display (WiDi)[11]		
Security	Acer ProShield Security Manager including:		Enhanced Acer DASP (Disk Anti-Shock Protection)
	• BIOS Settings: BIOS Password, Boot Order, and Import/Export BIOS Settings		Trusted Platform Module (TPM) solution
	• Credential Manager: Fingerprint Registration		BIOS user, supervisor, HDD passwords
	• Pre-Boot Authentication: Fingerprint Management		Kensington lock slot
	• Data Protection: File Encryption & Decryption, Personal Secure Drive		Acer Bio-Protection fingerprint solution,[1] featuring Pre-Boot Authentication (PBA), computer protection
	• Data Removal: File Shredder		
Dimensions and weight[1]	**Dimensions:** 381.6 (W) x 253 (D) x 25.4 / 31 (H) mm (15.02 x 9.96 x 1.0 / 1.22 inches)		
	Weight: 2.6 kg (5.73 lbs.)[12] with 6-cell battery pack; 2.78kg (6.13 lbs.)[12] with 9-cell battery pack		
Power adapter and battery[1]	**Power adapter:** 3-pin 65 W AC adapter		
	Battery: 10 hours[13, 14] with 99 Wh 9000 mAh 9-cell[15] Li-ion battery pack; 8 hours[13, 14] with 66 Wh 6000 mAh 6-cell Li-ion battery pack. ENERGY STAR®		

Software[16]				
	Productivity	• Microsoft® Office Starter 2010: Includes limited-functionality Microsoft® Word and Excel with advertising; no PowerPoint or Outlook. Buy Office 2010 to use the full-featured software. (except Japan)	• McAfee® Internet Security Suite Trial[17]	• Acer Accessory Store[1] (Belgium, Denmark, France, Germany, Italy, Netherlands, Poland, Portugal, Spain, Sweden, UK)
	• Acer Backup Manager[1]		**Manageability**	
	• Acer ePower Management		• Acer Office Manager	
	• Acer eRecovery Man.		• Intel® Small Business Advantage	
	• Acer PowerSmart Manager	• newsXpresso™	**Multimedia**	• Acer Identity Card
	• Acer ProDock Manager	• Norton™ Online Backup	• Corel® WinDVD[1]	• Acer Registration
	• Adobe® Flash® Player 10.x / 11x	• Windows Live™ Essentials[1]	• NTI Media Maker™[1]	• Acer Updater
	• Adobe® Reader® 10.x	• Windows Virtual PC	**Communication and ISP**	• eBay® shortcut[1] (Australia, Austria, Canada, France, Germany, Italy, India, Ireland, Mexico, Netherlands, Philippines, Poland, Russia, Singapore, Spain, Switzerland, US, UK only)
	• Bing™ Bar	• Windows XP Mode	• Acer Crystal Eye	
	• BookLive (Japan only)	**Security**	• Acer Video Conference Manager[1]	
	• Evernote (except Japan)	• Acer ProShield	• Microsoft® Silverlight™	
	• Internet Explorer 9	• Absolute® Data Protect 60-day Trial	• Skype™	
	• Microsoft® Office Personal 20101 (Japan only, subject to customer request)		**Web links and utilities**	• Netflix shortcut[1] (Canada, Latin America, US only)

Options and accessories	Acer ProDock	9-cell Li-ion 9000 mAh battery pack	320 / 500 / 750 GB hard disk drive	External USB floppy disk drive	1/2/
	Acer MediaBay 3800 mAh 6-cell Li-ion 2nd battery pack	6-cell Li-ion 6000 mAh battery pack	USB optical genius mini mouse	3-pin 65 W AC adapter	250A
		2 / 4 GB DDR3 soDIMM module			9-ce

System compliance	Wi-Fi®, ACPI 3.0, Mobile PC 2002, ENERGY STAR®, EPEAT® Gold, HSF, GS
Warranty	One-year International Travelers Warranty (ITW)

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
3. Up to 1 GB of available system memory may be allocated for system resource requirements.
4. Shared system memory may be allocated to support integrated graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of dedicated and shared system memory utilized by the graphics solution and resources required by the operating environment.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
6. 32-bit operating systems are limited to using 3 GB of the available memory.
7. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer eRecovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.
8. Two VQE-enabled Acer notebooks with dual-core processors are required to enjoy the exclusive benefits and added performance of VQE.
9. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction, and access point settings.
10. Acer Nplify™, a high-throughput wireless solution, delivers superior performance and reliable connections while enabling emerging voice, video and data applications. Wi-Fi CERTIFIED™, it supports Acer SignalUp™ wireless technology and is compliant with 802.11a/b/g/n, 802.11b/g/n, and 802.11b/g standards.
11. Requires an Intel® Wireless Display-enabled PC, compatible adapter, and TV. 1080p and Blu-ray™ or other protected content playback only available on 2nd or 3rd generation Intel® Core™ processor-based PCs with built-in visuals enabled. For more information, see www.intel.com/go/widi.
12. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
13. The listed battery life is based on MobileMark 2007® productivity mode testing with wireless on. Details of MobileMark2007® testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, and utilized features. A battery's maximum capacity decreases with time and use.
14. Battery life indicated is with Acer ePower Management enabled.
15. 9-cell battery pack (for 10-hour battery life) is subject to availability.
16. Bundled software may vary depending on hardware configuration, OS and regional availability.
17. Trial periods vary depending on the geographic region and specifications: 365-day trial for China, Taiwan, Hong Kong and Singapore (Simplified Chinese and Traditional Chinese OS models); 60-day trial for other regions.

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