

TravelMate P256-MG (Win8.1 HOL) Specifications (v7-0-5)			
Category		Description	Footnotes
Operating system	1	Windows 8.1 Pro 64-bit	2
		Windows 8.1 64-bit	2
CPU and chipset	1	<p>Intel® Core™ i3-4030U processor (3 MB L3 cache, 1.80 GHz, DDR3L 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Intel® Core™ i5-4210U processor (3 MB L3 cache, 1.70 GHz with Turbo Boost up to 2.70 GHz, DDR3L 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Intel® Core™ i7-4510U processor (4 MB L3 cache, 2.0 GHz with Turbo Boost up to 3.1 GHz, DDR3L 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Intel® Celeron® processor 2957U (2 MB L3 cache, 1.40 GHz, DDR3 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Intel® Pentium® processor 3556U (2 MB L3 cache, 1.70 GHz, DDR3 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p>	
Memory	1, 3, 4	<p>Dual-channel DDR3L SDRAM support:</p> <ul style="list-style-type: none"> Up to 8 GB of DDR3L system memory, upgradable to 16 GB using two soDIMM modules 	4, 5
Display		<p>15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD</p> <p>16:9 aspect ratio</p> <p>Ultra-slim design</p> <p>Mercury free, environment friendly</p> <p>15.6" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD</p> <p>16:9 aspect ratio</p> <p>Mercury free, environment friendly</p>	
Graphics		<p>NVIDIA® GeForce® 840M with 2 GB of dedicated DDR3 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11.2, OpenGL® 4.4, OpenCL™ 1.1</p>	6
		<p>NVIDIA® GeForce® 820M with 1 GB of dedicated DDR3 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11.2, OpenGL® 4.4, OpenCL™ 1.1</p>	6
Audio		High-definition audio support	

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		Two built-in stereo speakers MS-Sound compatible Built-in microphone			
Storage		Card reader <ul style="list-style-type: none">Supporting: SD™ Card Hard disk drive <ul style="list-style-type: none">500 GB / 1 TB 2.5-inch 5400 RPM			7
Optical media drive		8X DVD-Super Multi double-layer drive: <ul style="list-style-type: none">Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 8X DVD-ROM DL, 8X DVD-R DL, 8X DVD+R DL, 8X DVD-RW, 8X DVD+RW, 5X DVD-RAMWrite: 24X CD-R, 16X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-R DL, 6X DVD+R DL, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM M-DISC Ready™ Drive			
Webcam	1	Video conferencing Acer Crystal Eye HD webcam with: <ul style="list-style-type: none">1280 x 720 resolution720p HD audio/video recording			
Wireless and networking	1	WLAN <ul style="list-style-type: none">Acer InViLink™ Nplify™ 802.11b/g/n wireless LANIntel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™, featuring MIMO technology LAN <ul style="list-style-type: none">Gigabit Ethernet, Wake-on-LAN ready WPAN <ul style="list-style-type: none">Bluetooth® 4.0Bluetooth® 2.1+EDR		8, 9	1
Security		Acer ProShield Security Manager including: <ul style="list-style-type: none">Facial Recognition LoginData Protection: File Encryption & Decryption, Personal Secure DriveData Removal: File Shredder BIOS user, supervisor, HDD passwords Kensington lock slot			
Dimensions and weight	1, 10	Dimensions <ul style="list-style-type: none">381.6 (W) x 256 (D) x 25.3/30.4 (H) mm (15.02 x 10.08 x 1/1.2 inches) Weight 2.5 kg (5.51 lbs.) with 6-cell battery pack			
Power adapter and battery	1	Power adapter 3-pin 65 W AC adapter: <ul style="list-style-type: none">95 (W) x 50 (D) x 25.4 (H) mm (3.74 x 1.96 x 1 inches)216 g (0.47 lbs.) with 180 cm DC cable Battery <ul style="list-style-type: none">56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack Battery life:		10	11

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	<p>Up to 10 hours</p> <p>Up to 10 hours (based on MobileMark® 2007 test results)</p> <p>Up to 7 hours (based on MobileMark® 2012 test results)</p> <p>Up to 6 hours (based on video playback test results)</p> <p>Up to 7 hours (based on web browsing test results)</p> <p>Product Safety Electric Appliance and Materials (PSE) certified for battery pack</p> <p>ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes</p>	
Input and control	<p>TouchPad</p> <p>Multi-gesture touchpad, supporting two-finger scroll and pinch. Swipes access charms, application commands</p> <ul style="list-style-type: none"> • Microsoft Precision Touchpad Certification <p>Media Keys</p> <p>Media control keys (printed on keyboard): play/pause, stop, previous, next, volume up, volume down</p> <p>Keyboard</p> <p>103-/104-/107-key Acer FineTip keyboard with independent standard numeric keypad, international language support</p>	
Input and output	<p>SD™ Card reader</p> <p>HDMI® port with HDCP support</p> <p>Ethernet (RJ-45) port</p> <p>External display (VGA) port</p> <p>DC-in jack for AC adapter</p> <p>USB 3.0 port</p> <p>Two USB 2.0 ports</p> <p>3.5 mm headphone/speaker jack, supporting headsets with built-in microphone</p>	
Windows Store Apps 12	<p>ISP & Communications</p> <ul style="list-style-type: none"> • Skype™ <p>Productivity</p> <ul style="list-style-type: none"> • Evernote® • Skitch 	
Windows Desktop Apps 12	<p>Content</p> <ul style="list-style-type: none"> • Microsoft Office trial <p>ISP & Communications</p> <ul style="list-style-type: none"> • Skype™ Desktop <p>Multimedia</p> <ul style="list-style-type: none"> • Nero BackItUp 12 Essentials 	

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	<p>Productivity</p> <ul style="list-style-type: none">Acer Registration <p>Search</p> <ul style="list-style-type: none">Yahoo search <p>Security</p> <ul style="list-style-type: none">Acer ProShieldMcAfee® Anti-Theft shortcutNorton™ Online BackupStarsoftcomm ZDL shortcut <p>Utilities</p> <ul style="list-style-type: none">Acer Identity CardAcer Office Manager AgentAcer Office Manager ConsoleAcer Power ManagementAcer Recovery ManagementAcer UpdaterDevice Fast-LaneIntel® Small Business Advantage <p>Web Links</p> <ul style="list-style-type: none">Acer Accessory StorePRIVATE WiFi®	12 12 12 12
Options and accessories	3-pin 65 W AC adapter 56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack	
System compliance	ENERGY STAR® ACPI 3.0 Wi-Fi®	
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop Shock and vibration Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures)	

Acer recommends Windows 8.

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
3. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.

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4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
6. Resolution/refresh rates depend on display capability and color/depth settings.
7. 1 GB is 1 billion bytes, 1 TB is 1000 GB. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
8. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
9. Subject to availability.
10. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
11. The listed battery life is based on MobileMark 2007® productivity mode testing with wireless on. Details of MobileMark 2007® 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.
12. Bundled software may vary depending on hardware configuration, OS and regional availability.

As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.

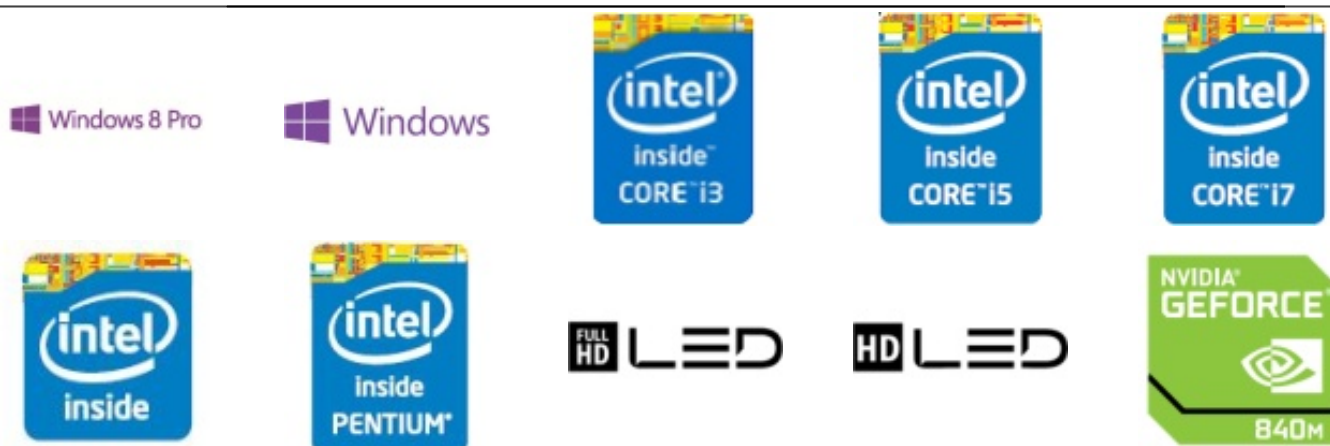
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Appendix

v4-0-4 (Ver. 2)

Storage

Input and control

Options and accessories

Power adapter and battery

CPU and chipset

v5-0-4 (Ver. 3)

CPU and chipset

About

v6-0-4 (Ver. 4)

CPU and chipset

Input and output

v7-0-5 (Ver. 5)

CPU and chipset