

TravelMate P249-M Specifications (v3-0-2)			
Category		Description	Footnotes
Operating system	1	Windows 10 Pro 64-bit	2
		Windows 10 Home 64-bit	2
		Windows 7 Professional 64-bit Service Pack 1	2
		Windows 7 Home Basic 64-bit Service Pack 1	2
CPU and chipset	1	<p>Intel® Core™ i7-6500U processor (4 MB L3 cache, 2.5 GHz with Turbo Boost up to 3.1 GHz, DDR3L 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Intel® Core™ i5-6200U processor (3 MB L3 cache, 2.3 GHz with Turbo Boost up to 2.8 GHz, DDR3L 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Intel® Core™ i3-6100U processor (3 MB L3 cache, 2.3 GHz, DDR3L 1600 MHz, 15W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p>Intel® Celeron® processor 3855U (2 MB L3 cache, 1.6 GHz, DDR3L 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p>	
Memory	1, 3, 4	<p>Dual-channel DDR4 SDRAM support:</p> <ul style="list-style-type: none"> Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules 	4, 5
Display		<p>14.0" 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>14" HD 1366 x 768 resolution Acer ComfyView™ LED-backlit TFT LCD</p> <p>16:9 aspect ratio</p> <p>Ultra-slim design</p> <p>Mercury free, environment friendly</p>	
Graphics		Intel® HD Graphics 520 , supporting OpenGL® 4.4, OpenCL™ 2.0, Microsoft® DirectX® 12	6
Audio		<p>Compatible with Cortana with Voice</p> <p>Certified for Skype for Business</p> <p>Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound</p> <p>Two built-in stereo speakers</p> <p>Built-in digital microphone</p>	
Storage		<p>Card reader</p> <ul style="list-style-type: none"> Supporting: SD™ Card 	

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		<p>Solid state drive</p> <ul style="list-style-type: none"> • 128 / 256 GB, SATA 6 Gb/s <p>Hard disk drive</p> <ul style="list-style-type: none"> • 1 TB / 500 GB 2.5-inch 5400 RPM self-pinning solid state hybrid hard drive with 8 GB Flash memory • 500 GB / 1 TB 2.5-inch 5400 RPM • Optional 2nd HDD 1 TB, 2.5-inch 5400 RPM • Optional 2nd HDD 500 GB, 2.5-inch 5400 RPM 	1, 7 8 9
Optical media drive		<p>8X DVD-Super Multi double-layer drive:</p> <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-RAM • Write: 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 	
Webcam	1	<p>Video conferencing</p> <p>HD camera with:</p> <ul style="list-style-type: none"> • 1280 x 720 resolution • 720p HD audio/video recording • High dynamic range imaging (HDR) 	
Wireless and networking	1	<p>WLAN</p> <ul style="list-style-type: none"> • Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™, featuring 2x2 MIMO technology <p>WPAN</p> <ul style="list-style-type: none"> • Bluetooth® 4.0 <p>LAN</p> <ul style="list-style-type: none"> • Gigabit Ethernet, Wake-on-LAN ready 	1
Security		<p>Acer ProShield Security Manager including:</p> <ul style="list-style-type: none"> • Facial Recognition Login • Data Protection: File Encryption & Decryption, Personal Secure Drive • Data Removal: File Shredder <p>Trusted Platform Module (TPM) solution BIOS user, supervisor, HDD passwords Kensington lock slot</p>	
Dimensions and weight	1, 10	<p>Dimensions</p> <ul style="list-style-type: none"> • 343 (W) x 248 (D) x 23.7/30 (H) mm (13.5 x 9.76 x 0.93/1.18 inches) <p>Weight</p> <ul style="list-style-type: none"> • 2.1 kg (4.63 lbs.) with 4-cell battery pack 	
Power adapter and battery	1	<p>Power adapter</p> <p>3-pin 45 W AC adapter:</p> <ul style="list-style-type: none"> • 95 (W) x 38 (D) x 25.4 (H) mm (3.74 x 1.5 x 1.0 inches) • 150 g with 150 cm DC cable <p>Battery</p> <ul style="list-style-type: none"> • 41.4 Wh 2800 mAh 14.8 V 4-cell Li-ion battery (for models with HD Panel + HDD) 	11

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		Battery life: Up to 9 hours Up to 9 hours (based on MobileMark® 2014 test results) Up to 9 hours (based on video playback test results) Up to 10 hours (based on web browsing test results)
Input and control		Keyboard 87-/88-/91-key Acer FineTip backlit keyboard with Home, End, Pg Up, Pg Dn keys, international language support, power button 87-/88-/91-key FineTip keyboard with Home, End, Pg Up, Pg Dn keys, international language support, power button TouchPad Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> • Microsoft Precision Touchpad certification
Input and output		SD™ Card reader HDMI® port with HDCP support External display (VGA) port 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone Ethernet (RJ-45) port Two USB 3.0 ports with one featuring power-off USB charging USB 2.0 port
Windows Desktop Apps	12	In-House <ul style="list-style-type: none"> • Acer Control Center • Acer Portal • abFiles • Accessory Store • Quick Access Lifestyle <ul style="list-style-type: none"> • Agoda • Booking.com • Yandex web link Others <ul style="list-style-type: none"> • Cyberlink® PowerDVD™ Productivity <ul style="list-style-type: none"> • Intel® Small Business Advantage • Office 2016 Search <ul style="list-style-type: none"> • Firefox Security <ul style="list-style-type: none"> • Acer ProShield • McAfee® Internet Security Tools <ul style="list-style-type: none"> • App Explorer

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	<ul style="list-style-type: none"> • Dashlane 	
System compliance	EPEAT® registered	13
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)	
<ol style="list-style-type: none"> Specifications vary depending on model. 64-bit software is required to enjoy the advantages of 64-bit processing. 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. Memory speed may vary, depending on the CPU, chipset or memory fitted. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory. Resolution/refresh rates depend on display capability and color/depth settings. 1 GB is 1 billion bytes. 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. 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. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space. 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. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options. Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use. Bundled software may vary depending on hardware configuration, OS and regional availability. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country. <p>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.</p>		

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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.

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Appendix

v2-0-1 (Ver. 2)

Wireless and networking

v3-0-2 (Ver. 3)

Input and output