

TravelMate P238-M (Win10 HOL) Specifications (v3-0-3)			
Category		Description	Footnotes
<b>Operating system</b>	1	Windows 10 Pro 64-bit Windows 10 Home 64-bit	2 2
<b>CPU and chipset</b>	1	<p><b>Intel® Core™ i7-6500U</b> 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><b>Intel® Core™ i5-6200U</b> 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><b>Intel® Core™ i3-6100U</b> processor (3 MB L3 cache, 2.3 GHz, DDR3L 1600 MHz, 15W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p><b>Intel® Pentium®</b> processor <b>4405U</b> (2 MB L3 cache, 2.1 GHz, DDR3L 1600 MHz, 15 W), supporting Intel® 64 architecture, Intel® Smart Cache</p>	
<b>Memory</b>	1, 3, 4	<p>Dual-channel DDR3 SDRAM support:</p> <ul style="list-style-type: none"> <li>Up to 8 GB of DDR3 system memory, upgradable to 16 GB using two soDIMM modules</li> </ul>	4, 5
<b>Display</b>		<p>13.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Wide viewing angle up to 170 degrees Mercury free, environment friendly</p> <p>13.3" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Ultra-slim design Mercury free, environment friendly</p>	6
<b>Graphics</b>		<p><b>Intel® HD Graphics 520</b>, supporting OpenGL® 4.4, OpenCL™ 2.0, Microsoft® DirectX® 12</p> <p><b>Intel® HD Graphics 510</b>, supporting OpenGL® 4.4, OpenCL™ 2.0, Microsoft® DirectX® 12</p>	7 7
<b>Audio</b>		<p>Compatible with Cortana with Voice Certified for Skype for Business Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound Two built-in stereo speakers Built-in digital microphone</p>	

<b>TravelMate P238-M (Win10 HOL) Specifications (v3-0-3)</b>			
<b>Storage</b>		<p><b>Hard disk drive</b></p> <ul style="list-style-type: none"> <li>• 500 GB 2.5-inch 5400 RPM self-pinning solid state hybrid hard drive with 8 GB Flash memory</li> <li>• 500 GB 2.5-inch 5400 RPM</li> </ul> <p><b>Solid state drive</b></p> <ul style="list-style-type: none"> <li>• 128 / 256 / 512 GB, SATA 6 Gb/s</li> </ul>	8 1, 9
<b>Webcam</b>	1	<p><b>Video conferencing</b></p> <p>HD camera with:</p> <ul style="list-style-type: none"> <li>• 1280 x 720 resolution</li> <li>• 720p HD audio/video recording</li> <li>• High dynamic range imaging (HDR)</li> </ul>	
<b>Wireless and networking</b>	1	<p><b>WLAN</b></p> <ul style="list-style-type: none"> <li>• Acer InviLink™ Nplify™ 802.11a/b/g/n wireless LAN</li> <li>• Operates at 2.4 GHz and 5 GHz</li> <li>• 2x2 MIMO technology</li> <li>• Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™, featuring MIMO technology</li> </ul> <p><b>WPAN</b></p> <ul style="list-style-type: none"> <li>• Bluetooth® 4.0</li> </ul> <p><b>LAN</b></p> <ul style="list-style-type: none"> <li>• Gigabit Ethernet, Wake-on-LAN ready</li> </ul>	10, 11 1
<b>Security</b>		<p>Acer ProShield Security Manager including:</p> <ul style="list-style-type: none"> <li>• Facial Recognition Login</li> <li>• Data Protection: File Encryption &amp; Decryption, Personal Secure Drive</li> <li>• Data Removal: File Shredder</li> </ul> <p>BIOS user, supervisor, HDD passwords</p>	
<b>Dimensions and weight</b>	1, 12	<p><b>Dimensions</b></p> <ul style="list-style-type: none"> <li>• 327 (W) x 228 (D) x 19.65/19.65 (H) mm (12.87 x 8.98 x 0.77/0.77 inches)</li> </ul> <p><b>Weight</b></p> <p>1.5 kg (3.31 lbs.) with 4-cell battery pack, solid state drive 1.6 kg (3.53 lbs.) with 4-cell battery pack, one hard drive</p>	
<b>Power adapter and battery</b>	1	<p><b>Power adapter</b></p> <p>3-pin 45 W AC adapter:</p> <ul style="list-style-type: none"> <li>• 95 (W) x 38 (D) x 25.4 (H) mm (3.74 x 1.5 x 1.0 inches)</li> <li>• 150 g with 150 cm DC cable</li> </ul> <p><b>Battery</b></p> <ul style="list-style-type: none"> <li>• 48 Wh 3220 mAh 15.2 V 4-cell Li-ion battery pack</li> </ul> <p>ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes</p>	
<b>Input and control</b>		<p><b>Keyboard</b></p> <p>83-/84-/87-key full-size Acer FineTip keyboard with international language support</p> <p><b>TouchPad</b></p>	

<b>TravelMate P238-M (Win10 HOL) Specifications (v3-0-3)</b>		
		Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> <li>• Microsoft Precision Touchpad certification</li> </ul>
<b>Input and output</b>		SD™ Card reader HDMI® port with HDCP support Ethernet (RJ-45) port DC-in jack for AC adapter Two USB 2.0 ports USB 3.0 port featuring power-off USB charging USB type C port: USB 3.1 Gen 1 (Up to 5 Gbps) Headphone/speaker jack
<b>Windows Store Apps</b>	13	<b>In-House</b> <ul style="list-style-type: none"> <li>• Acer Explorer</li> </ul>
<b>Windows Desktop Apps</b>	13	<b>In-House</b> <ul style="list-style-type: none"> <li>• Acer Control Center</li> <li>• Acer Portal</li> <li>• abFiles</li> <li>• Accessory Store</li> <li>• Power Management</li> <li>• Quick Access</li> </ul> <b>Productivity</b> <ul style="list-style-type: none"> <li>• Avast SecureLine</li> <li>• Contact Pickup</li> <li>• Office 2013 Trial</li> <li>• PhantomPDF</li> </ul> <b>Search</b> <ul style="list-style-type: none"> <li>• Firefox</li> <li>• Yahoo search</li> </ul> <b>Security</b> <ul style="list-style-type: none"> <li>• Acer ProShield</li> <li>• McAfee® Internet Security</li> </ul> <b>Tools</b> <ul style="list-style-type: none"> <li>• App Explorer</li> <li>• Dashlane</li> </ul>
<b>System compliance</b>		ENERGY STAR® EPEAT® registered
<b>Warranty</b>		One-year International Travelers Warranty (ITW)
<b>Quality and reliability tests</b>		Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop

14

15

## TravelMate P238-M (Win10 HOL) Specifications (v3-0-3)

Shock and vibration Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures)	
--	--

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.
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. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
7. Resolution/refresh rates depend on display capability and color/depth settings.
8. 1 GB is 1 billion bytes. 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.
9. 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.
10. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
11. Subject to availability.
12. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
13. Bundled software may vary depending on hardware configuration, OS and regional availability.
14. Some models/configurations may activate to a 1 year subscription for Office 365 Personal, depending on the operating system installed.
15. EPEAT® registration varies by country. See <http://www.epeat.net/> for registration status for each country.

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.

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.

© 2015. All rights reserved.

Microsoft and Windows are registered trademarks of Microsoft Corporation.

Intel, Intel Core, Core Inside, Pentium, and Pentium Inside are trademarks of Intel Corporation in the U.S. and other countries.

### **About Acer**

Established in 1976, Acer is a *hardware + software + services* company dedicated to the research, design, marketing, sale, and support of innovative products that enhance people's lives. Acer's product offerings include PCs, displays, projectors, servers, tablets, smartphones, and wearables. The company is also developing cloud solutions to bring together the Internet of Things. Acer

## TravelMate P238-M (Win10 HOL) Specifications (v3-0-3)

employs 7,000 people and ranks No. 4 for total PCs globally (IDC 2014). Revenues for 2014 reached US\$10.39 billion. Please visit [www.acer.com](http://www.acer.com) for more information.

