# TravelMate P215-52G Specifications (v1-0-1)

| Category | Description | Footnotes |
|---|---|---|
| **Operating system** [1] | Windows 10 Pro 64-bit | 2 |
| | Windows 10 Home 64-bit | 2 |
| **CPU and chipset** [1] | **Intel® Core™ i7-10510U** processor (8 MB Smart Cache, 1.8 GHz with Turbo Boost up to 4.9 GHz, DDR4 or LPDDR3, 15 W) | |
| | **Intel® Core™ i5-10210U** processor (6 MB Smart Cache, 1.6 GHz with Turbo Boost up to 4.2 GHz, DDR4 or LPDDR3, 15 W) | |
| | **Intel® Core™ i3-10110U** processor (4 MB Smart Cache, 2.1 GHz with Turbo Boost up to 4.1 GHz, DDR4 or LPDDR3, 15 W) | |
| **Memory** [1, 3, 4] | Dual-channel DDR4 SDRAM support:<br>• Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules | 4, 5 |
| **Display** | 15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD<br>16:9 aspect ratio<br>Wide viewing angle up to 170 degrees<br>Ultra-slim design<br>Mercury free, environment friendly | 6 |
| | 15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD<br>16:9 aspect ratio<br>Ultra-slim design<br>Mercury free, environment friendly | 6 |
| | 15.6" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD<br>16:9 aspect ratio<br>Ultra-slim design<br>Mercury free, environment friendly | 6 |
| **Graphics** | **NVIDIA® GeForce® MX230** with 2 GB of dedicated GDDR5 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, HDMI® and Blu-Ray 3D™, Hardware Video Decode Acceleration, Microsoft® DirectX® 11.2/12, OpenGL® 4.4, OpenCL™ 1.1 | |
| | **Intel® UHD Graphics**, supporting OpenGL® 4.5, OpenCL™ 2.1, Microsoft® DirectX® 12 | 7 |
| **Audio** | Two built-in stereo speakers<br>Built-in digital microphone | |
| **Storage** | **Solid state drive**<br>• 512 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe | 1, 8 |

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| | | • 256 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe | 1, 8 |
| | | • 128 GB, PCIe Gen3, 8 Gb/s, NVMe | 1, 8 |
| | | **Hard disk drive** | |
| | | • 1 TB 2.5-inch 7200 RPM | 9 |
| | | • 500 GB / 1 TB 2.5-inch 5400 RPM | 10 |
| **Webcam** | 1 | **Video conferencing**<br>HD webcam with:<br>• 1280 x 720 resolution<br>• 720p HD audio/video recording | |
| **Wireless and networking** | 1 | **WLAN**<br>• Intel® Wireless Wi-Fi 6 AX201<br>• 802.11a/b/g/n/acR2+ax (Pre-Standard) wireless LAN<br>• Dual Band (2.4 GHz and 5 GHz)<br>• 2x2 MU-MIMO technology<br>• Supports Bluetooth® 5.0<br>• Wi-Fi CNVi Interface<br>**WWAN**<br>• LTE FDD: B1/B3/B5/B7/B8/B20/B28/B32<br>• LTE TDD: B38/B40/B41<br>• WCDMA/HSPA+: B1/B2/B5/B8<br>• Support up to LTE Cat.6<br>• LTE FDD: Maximum download 300 Mbps, upload 50 Mbps.<br>• LTE TDD: Maximum download 226 Mbps, upload 28 Mbps.<br>• UMTS: Maximum download 384 Kbps , upload 384 Kbps<br>• HSUPA: Maximum download 5.76 Mbps<br>• DC-HSPA+: Maximum download 42 Mbps<br>• Support Text Message (SMS)<br>• eSIM (selected models)<br>**LAN**<br>• Gigabit Ethernet, Wake-on-LAN ready | |
| **Security** | | Acer ProShield Security Manager including:<br>• Data Protection: File Encryption & Decryption, Personal Secure Drive<br>• Data Removal: File Shredder<br>Discrete Trusted Platform Module (TPM) solution<br>BIOS user, supervisor passwords,<br>Kensington lock slot | |
| **Dimensions and weight** | 1, 11, 12 | **Dimensions**<br><br>• 363 (W) x 255 (D) x 19.9 (H) mm (14.29 x 10.04 x 0.78 inches)<br>**Weight**<br>• 1.8 kg (3.97 lbs.) with 2-cell battery pack, one SSD | |
| **Power adapter and battery** | 1 | **Battery**<br>• 48 Wh 3-cell Li-ion battery<br>  (for models with HD Panel + SSD) | 13 |

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|---|---|---|
| | Battery life:<br>Up to 11.5 hours (based on MobileMark® 2014 test results) | |
| **Input and control** | **Keyboard**<br>87-/88-/91-key Acer FineTip backlit keyboard with Home, End, Pg Up, Pg Dn keys, international language support, power button<br>87-/88-/91-key FineTip keyboard with Home, End, Pg Up, Pg Dn keys, international language support, power button<br>**TouchPad**<br>Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands<br>• Windows Hello Certification<br>• Microsoft Precision Touchpad certification<br>Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands<br>• Microsoft Precision Touchpad certification<br>• Moisture resistant | |
| **Input and output** | USB Type-C™ port supporting:<br>• USB 3.1 Gen 1 (up to 5 Gbps)<br>• DisplayPort over USB-C<br>• USB charging 5 V; 3 A<br>• DC-in port 5 or 9 or 15 or 20 V; 60 W<br>Three USB 3.1 Gen1 ports with one featuring power-off USB charging<br>Nano SIM slot<br>SD™ Card reader<br>External display (VGA) port<br>Ethernet (RJ-45) port<br>HDMI® 2.0 port with HDCP support<br>DC-in jack for AC adapter | |
| **Windows Store Apps** 14 | **In-House**<br>• Acer Collection<br>• Quick Access | |
| **Windows Desktop Apps** 14 | **Games**<br>• Simple Solitaire<br>**In-House**<br>• Acer Control Center<br>• Acer Office Manager Agent<br>• Acer Office Manager Console<br>• Acer Product Registration<br>**Security**<br>• Acer Proshield | |
| **Options and accessories** | Support Add-on features for Acer Type-C Dock II (ADK810)<br>· MAC address pass-through to Dock (for laptop with LAN chip)<br>· Power button mirrors the host's | |

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|---|---|---|
| | · Wake-on-LAN from Sleep/Hibernate/Off mode | |
| | · PXE boot via Dock LAN port | |
| | · LED behavior aligned with the host power status | |
| | Support Acer USB Type-C Dock II (ADK810) | |
| | · Dimension: 204 (W) x 87 (D) x 23.9 (H) mm (8.03 x 3.42 x 0.94 inches) | |
| | · Weight: 250 g (0.55 lbs) | |
| | · Supporting up to three displays (one DP 1.2, two HDMI 2.0) with OS driver installed | |
| | · One USB Type-C upstream port to host | |
| | · One USB Type-C downstream port for device (data only) | |
| | · Three USB 3.1 (one BC1.2) ports | |
| | · Ethernet (RJ45) port | |
| | · Up to 60 W power supply delivering to system | |
| | · Audio Combo Jack | |
| | · 1 m USB Type-C cable | |
| | · Vertical mode with stand | |
| | · VESA mount mode | |
| | Support Add-on features for Acer Type-C Dock I (ADK620) | |
| | · Wake-on-LAN from Sleep/Hibernate | |
| | · PXE boot via Dock LAN port | |
| | Support Acer USB Type-C Dock I (ADK620) | |
| | · Dimension: 200 (W) x 91.7 (D) x 21.5 (H) mm (7.87 x 3.61 x 0.85 inches) | |
| | · Weight: 262 g (0.58 lbs) | |
| | · Supporting up to two displays (one DP 1.2 and one HDMI 2.0) | |
| | · One USB Type-C upstream port to host | |
| | · One USB Type-C downstream port to device (data only) | |
| | · Three USB 3.1 (one BC 1.2) ports | |
| | · Ethernet (RJ45) port | |
| | · Up to 57 W power supply delivering to system | |
| | · Standalone microphone and headphone jack | |
| | · 1 m USB Type-C cable | |
| **System compliance** | ENERGY STAR$^®$ <br> Wi-Fi$^®$ <br> EPEAT$^®$ registered | 15 |
| **Warranty** | One-year International Travelers Warranty (ITW) | |
| **Quality and reliability tests** | Temperature and humidity <br> Hinge life <br> Weight and pressure <br> Acoustics <br> Spillage <br> Free drop <br> Shock and vibration <br> Electrostatic discharge immunity <br> Keyboard-switch life | |

## TravelMate P215-52G Specifications (v1-0-1)

| | |
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| | MTBF (mean time between failures) |
| | High Temperature (MIL-STD 810G) |
| | Low Temperature (MIL-STD 810G) |
| | Rain (MIL-STD 810G) |
| | Humidity (MIL-STD 810G) |
| | Vibration (MIL-STD 810G) |
| | Mechanical Shock, Transit Drop 122 cm (MIL-STD 810G) |

Acer recommends Windows 10 Pro for business.

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. Not all features indicated are supported on all SKUs
8. 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.
9. 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.
10. 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.
11. Minor variations in system dimensions are possible due to the manufacturing process.
12. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
13. 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.
14. Bundled software may vary depending on hardware configuration, OS and regional availability.
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.

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