



TravelMate P614-53-TCO Specifications (v2-0-2)			
Category		Description	Footnotes
Operating system	1	Windows 11 Pro (Acer recommends Windows 11 Pro for business.) Windows 11 Home	
CPU and chipset	1	<p>Intel® Core™ i7-1365U processor (12 MB Smart Cache, 1.8 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 5.2 GHz, Intel® vPro™ Eligibility), supporting hybrid core architecture with Performance-core and Efficient-core</p> <p>Intel® Core™ i7-1355U processor (12 MB Smart Cache, 1.7 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 5.0 GHz), supporting hybrid core architecture with Performance-core and Efficient-core</p> <p>Intel® Core™ i5-1345U processor (12 MB Smart Cache, 1.6 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.7 GHz, Intel® vPro™ Eligibility), supporting hybrid core architecture with Performance-core and Efficient-core</p> <p>Intel® Core™ i5-1335U processor (12 MB Smart Cache, 1.3 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.6 GHz), supporting hybrid core architecture with Performance-core and Efficient-core</p>	
Memory	1, 2, 3	<p>Dual-channel LPDDR5 SDRAM support</p> <ul style="list-style-type: none"> • 32 GB of onboard LPDDR5 system memory <p>Dual-channel LPDDR5 SDRAM support</p> <ul style="list-style-type: none"> • 16 GB of onboard LPDDR5 system memory <p>Dual-channel LPDDR5 SDRAM support</p> <ul style="list-style-type: none"> • 8 GB of onboard LPDDR5 system memory 	
Display		<p>14.0" display with OLED (Organic Light-Emitting Diode) technology, WQXGA+ 2880 x 1800, high-brightness (400 nits) Acer CineCrystal™ 16:10 aspect ratio, color gamut DCI-P3 100%, certified by True Black HDR 500(@HDR 500, brightness reach 500 nits)</p> <p>Wide viewing angle up to 170 degrees</p> <p>Mercury free, environment friendly</p> <p>14.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200, high-brightness (400nits) Acer ComfyView™ LED-backlit TFT LCD 16:10 aspect ratio, color gamut sRGB 100%</p> <p>Wide viewing angle up to 170 degrees</p> <p>Mercury free, environment friendly</p>	4 4
Graphics		<p>Intel® Iris® X^e Graphics eligible</p> <p>Graphics Special Technology#</p>	5

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		<ul style="list-style-type: none"> • OpenGL[®] 4.6 • OpenCL[™] 3.0 • Microsoft[®] DirectX[®] 12.1 • Intel[®] Quick Sync Video
Audio		<ul style="list-style-type: none"> • DTS[®] Audio, featuring optimized bass response and micro-speaker distortion prevention • Acer Purified.Voice technology with AI noise reduction in dual built-in microphones. Features include far-field pickup, dynamic noise reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes. • Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound
Storage		Solid state drive <ul style="list-style-type: none"> • 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe
Webcam	1	Video conferencing UFC with <ul style="list-style-type: none"> • T-Type USB FHD camera + IR camera • Compatible with Windows • 1920 x 1080 resolution • 1080p HD video at 60 fps with Temporal Noise Reduction • Dual Mic (33 mm + 33 mm) • 78 x 3.2 (5.2) x 3 mm
Wireless and networking	1	WLAN <ul style="list-style-type: none"> • Intel[®] Wireless Wi-Fi 6E AX211 • 802.11 a/b/g/n/ac/ax wireless LAN • Band: 2.4 GHz, 5 GHz and 6 GHz • 2x2 MU-MIMO technology • Support Bluetooth[®] 5.1 or above • Support vPro • Intel[®] Wireless Wi-Fi 6E AX211 • 802.11 a/b/g/n/ac/ax wireless LAN • Band: 2.4 GHz, 5 GHz, and 6 GHz • 2x2 MU-MIMO technology • Support Bluetooth[®] 5.1 or above • Support CNVi interface WWAN <ul style="list-style-type: none"> • 5G NR Sub6: n1/n2/n3/n5/n7/n8/n20/n25/n28/n30/n38/n40/n41/n48/n66/n71/n77/n78/n79 • LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 • LTE TDD: B34/B38/B39/B40/B41/B42/B43/B46/B48 • WCDMA/HSPA+: B1/B2/B4/B5/B8 • SA 5G/NR Sub6: Maximun download 4.67 Gbps, upload 1.25 Gbps

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		<ul style="list-style-type: none"> • NSA 5G/NR Sub6: Maximum download 3.74 Gbps, upload 700 Mbps • LTE: Maximum download 1.6 Gbps, upload 150 Mbps • UMTS: Maximum download 384 Kbps, upload 384 Kbps • DC-HSPA+: Maximum download 42 Mbps, upload 11.5 Mbps • Support Text Message (SMS) • Support eSIM
Security		<p>Power keycap fingerprint reader with on-chip matching design Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification Acer ProShield Plus security manager includes:</p> <ul style="list-style-type: none"> • Data Protection: File & Folder Encryption and Decryption, Personal Security Drive • Data Removal: File Shredding • Security Alert: Invalid Access Alert, Security Report <p>Discrete Trusted Platform Module (TPM) solution BIOS user, supervisor passwords, Kensington lock slot</p>
Dimensions and weight	1, 7, 8	<p>Dimensions</p> <ul style="list-style-type: none"> • 313.4 (W) x 226.5 (D) x 16.9/18.9 (H) mm (12.34 x 8.92 x 0.67/0.74 inches) <p>Weight</p> <ul style="list-style-type: none"> • 1.1 kg (2.43 lbs.) with 3-cell battery pack with Metal cover
Power adapter and battery	1	<p>Power adapter</p> <p>USB Type-C 65 W PD AC adapter:</p> <ul style="list-style-type: none"> • 108 (W) x 46 (D) x 29.5 (H) mm (4.25 x 1.81 x 1.16 inches) • 5 V / 3 A or 9 V / 3 A or 12 V / 3 A or 15 V / 3 A or 20 V / 3.25 A as output power • 250 g with 1500 mm DC cable <p>Battery</p> <ul style="list-style-type: none"> • 65 Wh 3-cell Li-ion battery • Supports Fast Charging technology (for models with Full HD Panel + SSD) • 65 Wh 4-cell Li-ion battery • Supports Fast Charging technology (for models with Full HD Panel + SSD)
Input and control		<p>Keyboard</p> <p>80-/81-/84-key Acer backlight keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute</p> <p>TouchPad</p> <p>Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands</p> <ul style="list-style-type: none"> • Windows Hello Certification • Microsoft Precision Touchpad certification

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	<ul style="list-style-type: none"> • Corning® Gorilla® Glass (Notes: Spill Resistant Keyboard (based on MIL-STD-810H Method 506.6 Procedure III Drip test))	
Input and output	USB Type-C Two USB Type-C™ ports USB Type-C™ port supporting: <ul style="list-style-type: none"> • USB4® 40Gbps • USB4® 40Gbps • DisplayPort over USB-C • Thunderbolt™ 4 • USB charging 5 V; 3 A • DC-in port 20 V; 65 W USB Standard A USB Standard-A port, supporting: <ul style="list-style-type: none"> • One port for USB 3.2 Gen 1 Nano SIM slot (optional) microSD™ Card reader (Optional) HDMI® 2.1 port with HDCP support	
Sensors	Time-of-Flight (ToF) Laser-Ranging Sensor RGB color and ambient light sensor	
Windows Desktop Apps ⁹	In-House <ul style="list-style-type: none"> • Acer Control Center • Acer Product Registration • Quick Access Security <ul style="list-style-type: none"> • Acer User Sensing 	
Options and accessories	Accessory Acer USB Type-C to Giga Lan Cable <ul style="list-style-type: none"> • Dimension: 60 (W) x 27 (D) x 16 (H) mm • Cable Length: 100 mm • Weight: 22.9 g (0.05 lbs) • Lan Speed: support 10/100/1000 Mbps • With acer logo SIM Card Tray Ejector Pin	
System compliance	ENERGY STAR® Wi-Fi® Intel® Project Athena Certification EPEAT® Gold	
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure	

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	Acoustics Spillage Free drop Shock and vibration Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures) Military Reliability Test: Mechanical Shock (Packaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Mechanical Shock (Unpackaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Vibration (MIL-STD 810H) Military Reliability Test: Sand and Dust (MIL-STD 810F) Military Reliability Test: Humidity (MIL-STD 810H) Military Reliability Test: Rain (MIL-STD 810H) Military Reliability Test: Low Temperature (MIL-STD 810H) Military Reliability Test: High Temperature (MIL-STD 810H)	
Others	<ul style="list-style-type: none"> • Power LED indicator • Reset hole 	

1. Specifications vary depending on model.
2. 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.
3. Memory speed may vary, depending on the CPU, chipset or memory fitted.
4. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
5. Not all features indicated are supported on all SKUs
6. 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.
7. Minor variations in system dimensions are possible due to the manufacturing process.
8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
9. Bundled software may vary depending on hardware configuration, OS and regional availability.

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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Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Arc graphics, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Intel Evo, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Inside, Intel Agilex, Arria, Cyclone, Movidius, eASIC, Ethernet, Iris, Killer, MAX, Select Solutions, Si Photonics, Stratix, Tofino, and Intel Optane are trademarks of Intel Corporation or its subsidiaries.

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