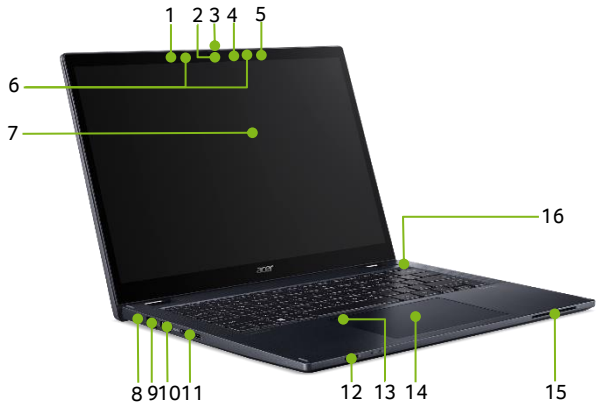
Ultra-light Durability

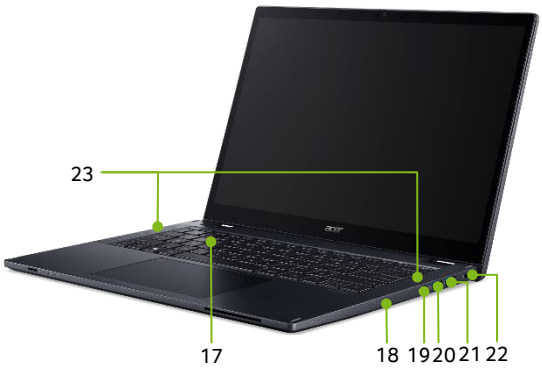
TravelMate Spin P4

Intel vPro® with 13th Gen Intel® Core™ Processors
14” 16:10 WUXGA (1920 X 1200) IPS Touchscreen Display
Four upward-facing Speakers with DTS® Audio Technology
Military Grade (MIL-STD-810H) Durability

1. Specifications may vary depending on model and/or region. All models subject to availability.

SPECIFICATIONS — TravelMate Spin P4 — NX.B22EK.003 TMP414RN-53





Product views	**1.** Ambient light sensor (optional) **2.** Webcam **3.** Webcam shutter **4.** Infrared LED (optional) **5.** ToF Sensor/ Acer User Sensing (optional) **6.** Microphones	**7.** 14.0" display **8.** DC-in jack **9.** RJ-45 port **10.** HDMI® port **11.** Two USB Type-C™ / Thunderbolt 4 ports **12.** MicroSD™ card reader	**13.** NFC transmitter (optional) **14.** Touchpad **15.** Smart Card reader (optional) **16.** Power button with fingerprint reader **17.** Keyboard **18.** Stylus slot	**19.** Headset/speaker jack **20.** USB 3.2 Gen 1 port with power-off charging **21.** USB 3.2 Gen 1 port **22.** Kensington lock slot **23.** Speakers
Operating system[1]	Windows 11 Pro (Acer recommends Windows 11 Pro for business.)			
CPU and chipset[1]	**Intel® Core™ i5-1335U** processor			
Memory[1, 2, 3, 4]	Dual-channel DDR4 SDRAM support ● 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules			
Display[5]	14.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200, Acer ComfyView™ LED-backlit TFT LCD, supporting multi-touch ● 16:10 aspect ratio, color gamut 45% NTSC ● Wide viewing angle up to 170 degrees ● Mercury free, environment friendly ● Corning® Gorilla® Glass			
Graphics[6]	**Intel® Iris® Xᵉ Graphics**		**Intel® UHD Graphics**	
Audio	● 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 predefined personal and conference call modes.		● Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound ● Quad build in stereo speakers at any display modes with DTS® Audio, featuring optimized bass response and micro-speaker distortion prevention	
Storage[1, 7]	**Solid state drive:** ● 512 GB PCIe Gen4, 16 Gb/s, NVMe			
Webcam[1]	**UFC with:** ● 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		**UFC with:** ● T-Type HD camera ● Compatible with Windows only ● 1280 x 720 resolution ● 720p HD video at 30 fps with Temporal Noise Reduction ● Blue Glass lens ● Dual Mic (33 mm + 33 mm) ● 78 x 3.2 (5.2) x 3 mm	
Wireless and networking[1]	**WLAN:** ● Intel® Wireless Wi-Fi 6E AX211 ● 802.11a/b/g/n/ac/ax wireless LAN ● Band 2.4 GHz, 5 GHz and 6GHz **LAN:** ● Gigabit Ethernet		● Supports Bluetooth® 5.2 and later ● Support CNVi Interface ● 2x2 MU-MIMO technology	
Security[1]	● Discrete Trusted Platform Module (TPM) solution ● BIOS user, supervisor, HDD passwords ● Kensington lock slot ● Power keycap fingerprint reader with on-chip matching design		● Acer ProShield Plus security manager includes: (1) Data Protection: File & Folder Encryption and Decryption, Personal Secure Drive (2) Data Removal: File Shredder (3) Security Alert: Invalid Access Alert, Security Report	
Dimensions and weight[1, 8, 9]	**Dimensions:** 319.9 (W) x 229.9 (D) x 17.99 (H) mm (12.59 x 9.05 x 0.71 inches)		**Weight:** 1.58 kg (3.48 lbs.) with 3-cell battery pack, one SSD	
Power adapter and battery[1, 10]	**Power adapter:** ● USB Type-C 65 W PD AC adapter ● 3-pin 65 W AC adapter		**Battery:** ● 56 Wh 4-cell Li-ion battery ● Supports Fast Charging technology **Battery life:** ● Up to 9.5 hours (based on MobileMark® 2018 test results)	
Input and control	**Keyboard:** 80-/81-/84-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute **Touchpad:** ● Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands (1) Moisture resistant (2) Microsoft Precision Touchpad certification			
Sensors	Accelerometer (G-sensor)			
Windows Desktop Apps[11]	● Acer Configuration Manager ● Acer Control Center		● Acer Product Registration ● Quick Access	
Options and accessories	Acer Active Pen: ● Length: 125.31 mm (with customized endcap); diameter: 5.3 mm ● Weight: 4.1 g (with customized endcap) ● Pen force: 4096 levels ● Two configurable buttons		● Not replaceable fast charging supercap ● Protocol: AES 1.0 ● Operating and charging time: 15 seconds charging, 90 minutes operating; 300 seconds charging, 100 minutes operating.	
System compliance[12]	● ENERGY STAR® ● Wi-Fi®		● EPEAT® registered	
Warranty	One-year International Travelers Warranty (ITW)			
Others	● 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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
6. Not all features indicated are supported on all SKUs
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. Minor variations in system dimensions are possible due to the manufacturing process.
9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
10. Actual battery life may vary considerably by specifications, depending on product model, configuration, applications, power management settings, operating conditions, and features utilized. Performance variation also arises based on components in use, which includes but is not limited to the processor, RAM capacity, storage, display and resolution, etc.
11. Bundled software may vary depending on hardware configuration, OS and regional availability.
12. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.

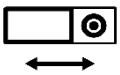
In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.
As a phenomenon known to thin-film 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.
© 2022. All rights reserved.
Microsoft and Windows are registered trademarks of Microsoft Corporation.
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.

About Acer

Founded in 1976, Acer is one of the world's top ICT companies with a presence in more than 160 countries. As Acer evolves with the industry and changing lifestyles, it is focused on enabling a world where hardware, software and services will fuse with one another, creating ecosystems and opening up new possibilities for consumers and businesses alike. Acer's 7,500 employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.

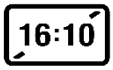
FEATURES AT A GLANCE — TravelMate Spin P4 — TMP414RN-52

MIL-STD 810H Certified



Camera Shutter

Facial Login



Screen Ratio

Resolution

Power On

Thunderbolt™ 4

Up to 4X Faster Storage Performance

PurifiedVoice with AI Noise Reduction

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.
© 2022. All rights reserved.
Microsoft and Windows are registered trademarks of Microsoft Corporation.
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.

About Acer

Founded in 1976, Acer is one of the world's top ICT companies with a presence in more than 160 countries. As Acer evolves with the industry and changing lifestyles, it is focused on enabling a world where hardware, software and services will fuse with one another, creating ecosystems and opening up new possibilities for consumers and businesses alike. Acer's 7,500 employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.