TravelMate P4

Windows 10

intel CORE i7

intel CORE i5

intel iRIS Xe GRAPHICS

Lightweight

MIL-STD 810G Compliant

MIL-STD 810G Compliant

1920 × 1080 FULL HD

Resolution

Wi-Fi 6

Wireless Connection

Fingerprint Reader & Windows Hello

PCIe SSD

Up to 4X faster storage performance

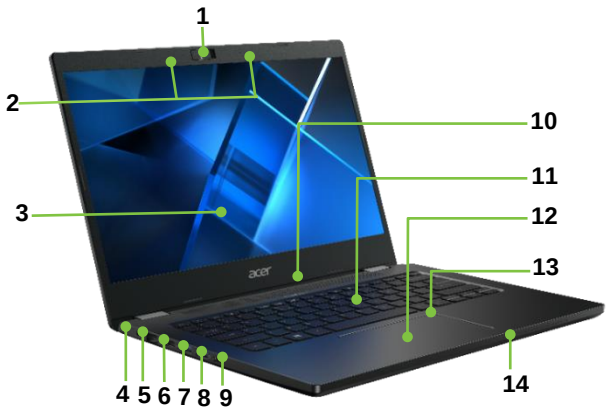
USB 3.2

Reversible Type-C Connector

Precision Touchpad

Camera Shutter

SPECIFICATIONS — TravelMate P4 — P414-51 / P414-51G



Product views	**1.**	Webcam	**6.**	HDMI® port	**10.**	Speakers	**15.**	Power button
	2.	Microphones	**7.**	USB 3.2 Gen 2 port	**11.**	Keyboard	**16.**	SIM card slot (optional)
	3.	14" display	**8.**	USB 3.2 Gen 2 port with power-off charging	**12.**	Touchpad	**17.**	MicroSD™ card reader
	4.	DC-in jack			**13.**	NFC (optional)	**18.**	Headset/speaker jack
	5.	Ethernet port	**9.**	USB Type-C™ / Thunderbolt 4 port	**14.**	Smart Card reader (optional)	**19.**	Kensington lock slot

Operating system[1, 2]	Windows 10 Pro 64-bit (Acer recommends Windows 10 Pro for business.)	Windows 10 Home 64-bit
CPU and chipset[1]	**Intel® Core ™ i7-1165G7** processor,	**Intel® Core ™ i5-1135G7** processor
Memory[1, 3, 4, 5]	Dual-channel DDR4 SDRAM support: • Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules	
Display	14.0" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD • 16:9 aspect ratio, 45% NTSC color gamut • Wide viewing angle up to 170 degrees • Mercury free, environment friendly	
Graphics	**NVIDIA® GeForce® MX350** (P414-51G only)	**Intel® Iris® Xᵉ Graphics** (P414-51 only)
Audio	• Acer Purified.Voice technology with two built-in microphones. Features include far-field pickup, keystroke suppression, voice tracking, adaptive beam forming, voice recognition enhancement, three pre-defined modes: voice recognition, personal call, conference call • Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound • Compatible with Cortana with Voice • Two built-in stereo speakers	
Storage[1, 7]	**Solid state drive:** 256 GB / 512 GB / 1 TB, PCIe Gen3, 8 Gb/s, NVMe	
Webcam[1]	**HD webcam with:** • 1280 x 720 resolution • 720p HD audio/video recording • Super high dynamic range imaging (SHDR) • Camera shutter cover	**FHD webcam with:** • 1920 x 1080 resolution • 1080p FHD audio/video recording • Super high dynamic range imaging (SHDR) • Windows Hello face authentication (RGB-IR) with camera shutter
Wireless and networking[1]	**WLAN:** • Intel® Wireless Wi-Fi 6 AX201 • 802.11a/b/g/n/acR2+ax wireless LAN • Dual Band (2.4 GHz and 5 GHz) • 2x2 MU-MIMO technology • Supports Bluetooth® 5.1 • Wi-Fi CNVi Interface	**LAN:** • Gigabit Ethernet, Wake-on-LAN ready
Security	• Acer ProShield Plus security manager includes: (1)Data Protection: File & Folder Encryption and Decryption, Personal Security Drive (2)Data Removal: File Shredding (3)Security Alert: Invalid Access Alert, Security Report	• Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification • Discrete Trusted Platform Module (TPM) solution • BIOS user, supervisor passwords, • Kensington lock slot
Dimensions and weight[1, 7, 8]	**Dimensions:** • 325 (W) x 236 (D) x 17.9 (H) mm (12.8 x 9.29 x 0.7 inches)	**Weight:** • 1.41 kg (3.11 lbs.) with 3-cell battery pack (P414-51) • 1.42 kg (3.13 lbs.) with 3-cell battery pack (P414-51G)
Power adapter and battery[1, 9]	**Power adapter:** • 3-pin 65 W AC adapter **Battery:** P414-51 • 56 Wh 3-cell Li-ion battery, battery life up to 13.5 hours • 48 Wh 3-cell Li-ion battery, battery life up to 13 hours	P414-51G • 56 Wh 3-cell Li-ion battery, battery life up to 12 hours • 48 Wh 3-cell Li-ion battery, battery life up to 11.5 hours
Input and control	**Keyboard:** 83-/84-/87-key full-size FineTip backlit keyboard with international language support **Touchpad:** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification • Moisture resistant	

Windows Desktop Apps[10]	• Quick Access	• Acer Control Center	• Acer Product Registration
Options and accessories	Support Add-on features for Acer Type-C Dock II (ADK810) • MAC address pass-through to Dock (for laptop with LAN chip) • Power button mirrors the host's • 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
System compliance[11]	• Wi-Fi®	• ENERGY STAR®	• EPEAT® registered
Warranty	One-year International Travelers Warranty (ITW)		

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. Minor variations in system dimensions are possible due to the manufacturing process.
10. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
11. 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.
12. Bundled software may vary depending on hardware configuration, OS and regional availability.
13. 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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