



Acer TravelMate B3 Spin 12 - 12.2" WUXGA Touch, Intel N150, 8GB LPDDR5, 256GB SSD, AES 2.0 Stylus

Brand : Acer

Product code: NX.BEXEK.007

Product name : Acer TravelMate B3 Spin 12 - 12.2"
WUXGA Touch, Intel N150, 8GB LPDDR5, 256GB SSD, AES
2.0 Stylus



Acer TravelMate B3 Spin 12 - 12.2" WUXGA Touch, Intel N150, 8GB LPDDR5, 256GB SSD, AES 2.0 Stylus

[Acer TravelMate B3 Spin 12 - 12.2" WUXGA Touch, Intel N150, 8GB LPDDR5, 256GB SSD, AES 2.0 Stylus:](#)

The Acer TravelMate B3 Spin 12 TMB312RN-31-TCO is a rugged 12.2" convertible designed for flexible learning and durability. Its WUXGA IPS touchscreen delivers clear visuals with anti-glare comfort, while the Intel N-Series N150 processor, 8GB LPDDR5 memory and fast 256GB PCIe NVMe 4.0 SSD provide responsive everyday performance. The device includes an AES 2.0 active stylus with a dockable slot, dual cameras (FHD front + 5MP rear), dual microphones and AI-based noise reduction for improved communication. With Wi-Fi 6E, Gigabit Ethernet, USB-C with DisplayPort, HDMI 2.1 and a 53Wh battery offering up to 21 hours of video playback, it supports all-day use. MIL-STD 810H durability, a Kensington Nano lock, hardware TPM 2.0 and antimicrobial treatment complete a robust, education-ready design.

Design		Network	
Colour name	Black	Bluetooth	✓
Product type *	Hybrid (2-in-1)	Bluetooth version	5.3
Product colour *	Black	Ports & interfaces	
Form factor *	Convertible (Fold-back screen)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Country of origin	China	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Rugged design	✓	HDMI ports quantity *	1
Stylus pen support	✓	HDMI version	2.1
Built-in stylus pen storage	✓	Line-in	✗
Display		Combo headphone/mic port	✓
Display diagonal *	31 cm (12.2")	HDMI	✓
Display resolution *	1920 x 1200 pixels	USB ports quantity	4
Touchscreen *	✓	Line-out	✗
HD type	WUXGA	Keyboard	
Panel type	IPS	Keyboard special features	Anchored Frame Keyboard
Native aspect ratio	16:9	Pointing device	Touchpad
Anti-microbial screen	✓	Numeric keypad *	✗
Display brightness	250 cd/m²	Keyboard backlit	✗
RGB colour space	NTSC	Keyboard layout	QWERTY
Colour gamut	50%	Keyboard language	UK English
Maximum refresh rate	60 Hz	Copilot key	✓
Contrast ratio (typical)	1000:1	Touchpad features	OceanGlass Touchpad
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® N	Microsoft Copilot	✓
Processor model *	N150	Operating system installed *	Windows 11 Pro Education
Processor cores	4	Bundled software	Windows Desktop AppsIn-House: Acer ORD Service TravelMate Sense Security: Acer User Sensing
Processor threads	4	Battery	
Processor boost frequency	3.6 GHz	Battery technology	Lithium-Ion (Li-Ion)
Processor frequency *	0.8 GHz	Battery capacity *	53 Wh
Processor cache	6 MB	Battery life (max)	21 h
Processor operating modes	64-bit		
Neural processor unit (NPU)			
Copilot+ PC	✗		

Memory		Battery	
Internal memory *	8 GB	Browsing time (Wi-Fi) (max)	11 h
Internal memory type	LPDDR5-SDRAM	Power	
Memory clock speed	6400 MHz	AC adapter power	65 W
Maximum internal memory *	8 GB	USB Type-C charging port *	✓
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	256 GB	USB charging voltage	5,9,12,15,20 V
Storage media *	SSD	USB charging current	3.25 A
Total SSDs capacity	256 GB	Security	
SSD capacity	256 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✗
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	296 mm
Graphics		Depth	215 mm
On-board graphics card *	✓	Height	21.5 mm
On-board GPU manufacturer	Intel	Weight *	1.5 kg
Discrete graphics card *	✗	Packaging data	
Audio		Package width	65 mm
Built-in speaker(s)	✓	Package depth	412 mm
Number of built-in speakers	2	Package height	283 mm
Built-in microphone	✓	Package weight	2.41 kg
Number of microphones	2	Packaging content	
Camera		AC adapter included *	✓
Front camera	✓	Keyboard included	✓
Front camera resolution	1920 x 1080 pixels	Stylus pen	✓
Video capturing speed	60 fps	Stylus pen type	Active
Privacy type	Privacy shutter	TravelMate B3 Spin 12	
Rear camera	✓	TMB312RN-31-TCO-C21S 2 in 1	
Rear camera resolution (numeric)	5 MP	Notebook Power Adapter Power	
Network		Cord Active Stylus	
Wi-Fi	✓	Other features	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Security features	
Wi-Fi standards	802.11a, 802.11ad, 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller manufacturer	Intel		
Ethernet LAN	✓	Chipset	
Ethernet LAN data rates	1000 Mbit/s		
		Manufacturer	
		Acer, Inc	

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.