

Acer TravelMate B3

(TMB312RN-31-TCO-C1WS)

Your Adaptable Classroom Companion

The TravelMate B3 Spin 12 laptop for school enhances learning with a optional TÜV Rheinland Low Blue Light certified display, touchscreen, stylus, and world-facing camera. Built for durability, it offers Wi-Fi 7, healthy usage alerts, and a modular design for easy maintenance.



- Processor: Intel® Processor N150
- Display: 12.2" WUXGA Touch Display
- Memory: 8 GB LPDDR5 RAM
- Mass storage: 256 GB SSD
- Graphics card: Intel® Graphics
- Operating system: Windows 11 Pro (64-bit)







Acer TMB312RN-31-TCO-C1WS

SPECIFICATIONS







Ordering Information

Acer TravelMate B3 Series TMB312RN-31-TCO-C1WS Model name NX.BEXEG.007 Part number EAN 4711474396426 Short description

12.2" WUXGA Touch Display / Intel® Processor N150 / 8 GB LPDDR5 RAM / 256 GB SSD / Intel® Graphics / Windows 11 Pro (64-bit) /

Shale Black

Operating System

Windows 11 Pro (64-bit) Operating System

Housing

Housing / Color Shale Black Component door 269 (W) x 215 (D) x 19.9 (H) mm Dimensions

Weight 1.45 kg Passively cooled (fanless) Yes

Display

Display size

Display type 12.2" WUXGA Touch Display

Display resolution in pixel 1920*1080 Aspect ratio 16:10

Intel® Processor N150 Processor Clock frequency

0.6 GHz base clock (Up to 3.6 GHz max. performance clock rate)

6 MB Intel® Smart Cache

Cache Processing cores / threads

NPU

8 GB LPDDR5 RAM Memory Memory configuration 1 x 8 GB LPDDR5 RAM

Maximum RAM Onboard RAM (not replaceable or expanda-

256 GB PCIe NVMe Solid-State-Drive (SSD) Mass storage

Graphics card Intel® Graphics

LAN Gigabit Ethernet

Wireless LAN Intel® Wireless Wi-Fi 6E AX211 Wireless WAN / SIM-Card

Wireless Gigabit Intel® Wireless Wi-Fi 6F AX211

Bluetooth Bluetooth 5.3

WoL (Wake on LAN) Yes

Yes

IO ports

NFC

PXF

HDMI HDMI® 2.0 Displayport 2x via USB-C

Thunderbolt 2x USB 3.2 Gen 1 via USB-C, 2x USB 3.2 Gen USB 3.2

1 Typ-A USB 3.1 USB 3.0 USB 2.0 USB 4.0 Ethernet (RJ-45) 1x Cardreader

Smart card reader

Audio Combo Jack Audio port Docking port via USB

Keyboard 81-/82-/86-key Acer FineTip EDU anchored

frame Serviceable keyboard Keyboard layout German (QWERTZ)

Backlit keyboard

Touchpad Multi-gesture secure touchpad

Fingerprint sensor

TPM TPM 2.0 Kensington Lock

Security software Acer ProShield Plus security manager



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Audio and video

Audio High Definition Stereo Audio Speaker two built in speakers Microphone two built in microphones Webcam HD Webcam

Battery and power adapter

Battery Li-Ion battery (3 cells / 53 Wh)

Battery lifetime > 12 hours (Bapco MobileMark 25)

Power adapter USB Type-C 65W power adapter (50% PCR-plastic)

Battery built in -

Software

Office 1 month trial for new Microsoft 365 custom-

ers. Credit card required

Certificate

EPEAT® Gold EnergyStar® Yes

Special features

Special features MIL-STD-810H

Warranty

Warranty 3 years Carry-In Service

Logistics

Quantity per layer28Quantity per europallet84Quantity per tower168Quantity per container1848

Carton dimensions / weight $412 \times 283 \times 65 \text{ mm (W} \times D \times H) / 2.41 \text{ kg}$

Accessories and service

Special accessories included Acer Active Stylus Pen

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