



# Acer TravelMate B3 Spin

TMB312RN-31-TCO-P9XM

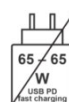
Your Adaptable Classroom Companion



- Processor: Intel® Processor N250
- Display: 12.2" WUXGA Touch Display
- Memory: 8 GB LPDDR5X RAM
- Mass storage: 256 GB SSD
- Graphics card: Intel® Graphics
- Operating system: Windows 11 Pro (64-bit)



**IPS**  
In-Plane Switching



Screen Ratio





## Acer TMB312RN-31-TCO-P9XM

## SPECIFICATIONS



### Ordering Information

|                   |                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Series            | Acer TravelMate B3 Spin                                                                                                                     |
| Model             | TMB312RN-31-TCO-P9XM                                                                                                                        |
| Article number    | NX.BEXEZ.00H                                                                                                                                |
| EAN               | 4711721123218                                                                                                                               |
| Short description | 12.2" WUXGA Touch Display / Intel® Processor N250 / 8 GB LPDDR5X RAM / 256 GB SSD / Intel® Graphics / Windows 11 Pro (64-bit) / Shale Black |

### Operating System

|                  |                         |
|------------------|-------------------------|
| Operating System | Windows 11 Pro (64-bit) |
|------------------|-------------------------|

### Housing

|                            |                                 |
|----------------------------|---------------------------------|
| Housing colour             | Shale Black                     |
| Component door             | -                               |
| Dimensions                 | 269 (W) x 215 (D) x 19.9 (H) mm |
| Weight                     | 1.45 kg                         |
| Passively cooled (fanless) | Yes                             |

### Display

|                             |                           |
|-----------------------------|---------------------------|
| Display size                | 12.2"                     |
| Display type                | 12.2" WUXGA Touch Display |
| Display resolution in pixel | 1.920x1.200               |
| Aspect ratio                | 16:10                     |

### Processor

|                            |                                                                       |
|----------------------------|-----------------------------------------------------------------------|
| Processor                  | Intel® Processor N250                                                 |
| Clock frequency            | 1.3 GHz GHz base frequency (Up to 3.8 GHz max. performance frequency) |
| Cache                      | 6 MB Intel® Smart Cache                                               |
| Processing cores / threads | 4                                                                     |
| NPU                        | -                                                                     |

### Storage and drives

|                      |                                             |
|----------------------|---------------------------------------------|
| Memory               | 8 GB LPDDR5X RAM                            |
| Memory configuration | 1 x 8 GB LPDDR5X RAM                        |
| Maximum RAM          | Onboard RAM (not replaceable or expandable) |
| Mass storage         | 256 GB SSD                                  |

### Graphics card

|               |                 |
|---------------|-----------------|
| Graphics card | Intel® Graphics |
|---------------|-----------------|

### Connections

|                         |                                |
|-------------------------|--------------------------------|
| LAN                     | Gigabit Ethernet               |
| Wireless LAN            | Intel® Wireless Wi-Fi 6E AX211 |
| Wireless WAN / SIM-Card | optional LTE möglich           |
| Bluetooth               | Bluetooth 5.3                  |
| NFC                     | -                              |
| WoL (Wake on LAN)       | Yes                            |
| PXE                     | Yes                            |

### IO ports

|                    |                                                    |
|--------------------|----------------------------------------------------|
| HDMI               | HDMI® 2.0                                          |
| Displayport        | 2x via USB-C                                       |
| Thunderbolt        | -                                                  |
| USB 3.2            | 2x USB 3.2 Gen 1 via USB-C, 2x USB 3.2 Gen 1 Typ-A |
| USB 3.1            | -                                                  |
| USB 3.0            | -                                                  |
| USB 2.0            | -                                                  |
| USB 4.0            | -                                                  |
| USB Power Delivery | -                                                  |
| Ethernet (RJ-45)   | 1x                                                 |
| Cardreader         | -                                                  |
| Smart card reader  | -                                                  |
| Audio port         | Audio Combo Jack                                   |
| Docking port       | via USB                                            |

### Input

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| Keyboard         | 81-/82-/86-key Acer FineTip EDU anchored frame Serviceable keyboard |
| Keyboard layout  | Swiss                                                               |
| Backlit keyboard | No                                                                  |
| Touchpad         | Multi-gesture secure touchpad                                       |

### Security

|                    |                                      |
|--------------------|--------------------------------------|
| Fingerprint sensor | -                                    |
| TPM                | TPM 2.0                              |
| Kensington Lock    | -                                    |
| Security software  | Acer ProShield Plus security manager |



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SPECIFICATIONS

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          | Not included – recommended USB-C power supply ≥ 65 watts |
| Battery built in       | -                                                        |
| Minimum charging power | 65 W                                                     |
| Maximum charging power | 65 W                                                     |

Software

|        |                                                                     |
|--------|---------------------------------------------------------------------|
| Office | 1 month trial for new Microsoft 365 customers. Credit card required |
|--------|---------------------------------------------------------------------|

Certificate

|             |      |
|-------------|------|
| EPEAT®      | Gold |
| EnergyStar® | Yes  |

Special features

|                  |              |
|------------------|--------------|
| Special features | MIL-STD-810H |
|------------------|--------------|

Logistics

|                            |                                        |
|----------------------------|----------------------------------------|
| Quantity per layer         | 28                                     |
| Quantity per europallet    | 84                                     |
| Quantity per tower         | 168                                    |
| Quantity per container     | 1848                                   |
| Carton dimensions / weight | 412 x 283 x 65 mm (W x D x H)/ 2.41 kg |

IO ports

|                              |                        |
|------------------------------|------------------------|
| Special accessories included | Acer Active Stylus Pen |
|------------------------------|------------------------|

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