**ASUS**

# ASUS ZenBook 15 OLED UM3504DA-NX013W Laptop 39.6 cm (15.6") 2.8K AMD Ryzen™ 5 7535U 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Blue

**Brand :** ASUS

**Product family:** ZenBook

**Product code:** 90NB1161-M009L0

**Product name :** UM3504DA-NX013W

- Windows 11 Home 64-bit
- AMD Ryzen 5 7535U (19MB Cache, 2.9GHz)
- 39.6 cm (15.6") 2.8K 2880 x 1620 OLED
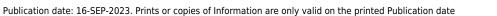- 16GB LPDDR5-SDRAM & 512GB SSD

AMD Ryzen 5 7535U (19MB Cache, 2.9GHz), 16GB LPDDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") 2.8K 2880 x 1620 OLED, AMD Radeon 660M, WLAN, Webcam, Windows 11 Home 64-bit

ASUS ZenBook 15 OLED UM3504DA-NX013W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 7535U, Processor frequency: 2.9 GHz. Display diagonal: 39.6 cm (15.6"), HD type: 2.8K, Display resolution: 2880 x 1620 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 660M. Operating system installed: Windows 11 Home. Product colour: Blue

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## Design

| | |
|---|---|
| Colour name | Ponder Blue |
| Product type * | Laptop |
| Product colour * | Blue |
| Form factor * | Clamshell |
| Housing material | Aluminium |
| Introduction year | 2023 |
| Country of origin | China |

## Display

| | |
|---|---|
| Display diagonal * | 39.6 cm (15.6") |
| Display resolution * | 2880 x 1620 pixels |
| Touchscreen * | ✘ |
| HD type | 2.8K |
| Panel type | OLED |
| Native aspect ratio | 16:9 |
| Display surface | Gloss |
| Display brightness | 400 cd/m² |
| Maximum display brightness (HDR) | 600 cd/m² |
| RGB colour space | DCI-P3 |
| Colour gamut | 100% |
| Display response rise/fall | 0.2 ms |
| Maximum refresh rate | 120 Hz |
| Contrast ratio (typical) | 1000000:1 |
| High Dynamic Range (HDR) supported | ✓ |
| High Dynamic Range (HDR) technology | HDR True Black 600 |

## Processor

| | |
|---|---|
| Processor manufacturer * | AMD |
| Processor family * | AMD Ryzen™ 5 |

## Camera

| | |
|---|---|
| Front camera HD type | Full HD |
| Infrared (IR) camera | ✓ |

## Network

| | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Mobile network connection * | ✘ |
| Antenna type | 1x1 |
| Ethernet LAN | ✘ |
| Bluetooth | ✓ |
| Bluetooth version | 5.3 |

## Ports & interfaces

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| USB4 Gen 3x2 ports quantity | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| Combo headphone/mic port | ✓ |
| Charging port type | USB Type-C |
| USB Type-C DisplayPort Alternate Mode | ✓ |
| USB Power Delivery | ✓ |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✓ |
| Keyboard backlit | ✓ |

## Processor

| | |
|---|---|
| Processor model * | 7535U |
| Processor frequency * | 2.9 GHz |
| Processor boost frequency | 4.55 GHz |
| Processor cores | 6 |
| Processor cache | 19 MB |
| Processor cache type | L2 & L3 |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | LPDDR5-SDRAM |
| Memory form factor | On-board |
| Maximum internal memory * | 16 GB |
| Memory channels | Dual-channel |

## Storage

| | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✓ |
| SSD form factor | M.2 |
| Optical drive type * | ✗ |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✓ |
| Discrete graphics card * | ✗ |
| On-board graphics card model * | AMD Radeon 660M |

## Audio

| | |
|---|---|
| Audio system | Smart Amp |
| Speakers manufacturer | Harman Kardon |
| Built-in microphone | ✓ |

## Camera

| | |
|---|---|
| Front camera | ✓ |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |
| Trial software | 1-month trial for new Microsoft 365 customers. Credit card required, McAfee LiveSafe 30 days |
| Operating system installed * | Windows 11 Home |

## Battery

| | |
|---|---|
| Battery technology | Lithium-Ion (Li-Ion) |
| Number of battery cells | 4 |
| Battery capacity * | 67 Wh |

## Power

| | |
|---|---|
| AC adapter power | 65 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| AC adapter output current | 3.25 A |
| AC adapter output voltage | 20 V |

## Security

| | |
|---|---|
| Windows Hello | ✓ |
| Trusted Platform Module (TPM) | ✓ |
| Trusted Platform Module (TPM) version | 2.0 |
| Password protection | ✓ |

## Weight & dimensions

| | |
|---|---|
| Width | 354.8 mm |
| Depth | 226.6 mm |
| Height (front) | 1.49 cm |
| Height (rear) | 1.58 cm |
| Weight * | 1.4 kg |

## Packaging data

| | |
|---|---|
| Package width | 73 mm |
| Package depth | 455 mm |
| Package height | 290 mm |
| Package weight | 3.67 kg |

## Technical details

| | |
|---|---|
| Repairability index | 8.4 |
| Commodity Classification Automated Tracking System (CCATS) | 8471300000 |

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