

## ASUS Vivobook 16 X1704VA-AU817W Intel Core 5 120U Laptop 43.9 cm (17.3") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver



**Brand :** ASUS

**Product family:** Vivobook

**Product code:** 90NB13X1-M00BV0

**Product name :** X1704VA-AU817W

- Windows 11 Home 64-bit
- Intel Core 5 120U (12MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS-Level
- 16GB DDR5-SDRAM (1 x 8) & 512GB SSD

Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS-Level, Intel Graphics, WLAN, Webcam, Windows 11 Home 64-bit

ASUS Vivobook 16 X1704VA-AU817W. Product type: Laptop, Form factor: Clamshell. Processor family:

Intel Core 5, Processor model: 120U. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics.

Operating system installed: Windows 11 Home. Product colour: Silver. Weight: 2.1 kg

| Design                               |                       | Audio                                             |                                                |
|--------------------------------------|-----------------------|---------------------------------------------------|------------------------------------------------|
| Colour name                          | Cool Silver           | Built-in microphone                               | ✓                                              |
| Product type *                       | Laptop                | <b>Camera</b>                                     |                                                |
| Product colour *                     | Silver                | Front camera                                      | ✓                                              |
| Form factor *                        | Clamshell             | Front camera resolution                           | 1280 x 720 pixels                              |
| Housing material                     | Plastic               | Front camera HD type                              | HD                                             |
| Market positioning                   | Home                  | Privacy camera                                    | ✓                                              |
| Introduction year                    | 2023                  | Privacy type                                      | Privacy shutter                                |
| Display                              |                       | Network                                           |                                                |
| Display diagonal *                   | 43.9 cm (17.3")       | Top Wi-Fi standard *                              | Wi-Fi 6 (802.11ax)                             |
| Display resolution *                 | 1920 x 1080 pixels    | Wi-Fi standards                                   | Wi-Fi 6 (802.11ax)                             |
| Touchscreen *                        | ✗                     | Mobile network connection *                       | ✗                                              |
| HD type                              | Full HD               | Antenna type                                      | 1x1                                            |
| Panel type                           | IPS-Level             | Ethernet LAN                                      | ✗                                              |
| LED backlight                        | ✓                     | Bluetooth                                         | ✓                                              |
| Native aspect ratio                  | 16:9                  | Bluetooth version                                 | 5.2                                            |
| Anti-glare screen                    | ✓                     | <b>Ports &amp; interfaces</b>                     |                                                |
| Display brightness                   | 250 cd/m²             | USB 2.0 ports quantity *                          | 1                                              |
| RGB colour space                     | NTSC                  | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                              |
| Colour gamut                         | 45%                   | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 2                                              |
| Maximum refresh rate                 | 60 Hz                 | HDMI ports quantity *                             | 1                                              |
| Processor                            |                       | HDMI version                                      | 1.4                                            |
| Processor manufacturer *             | Intel                 | Combo headphone/mic port                          | ✓                                              |
| Processor family *                   | Intel Core 5          | <b>Keyboard</b>                                   |                                                |
| Processor generation                 | Intel Core (Series 1) | Pointing device                                   | Touchpad                                       |
| Processor model *                    | 120U                  | Numeric keypad *                                  | ✓                                              |
| Processor cores                      | 10                    | Keyboard backlit                                  | ✓                                              |
| Processor threads                    | 12                    | <b>Software</b>                                   |                                                |
| Processor boost frequency            | 5 GHz                 | Operating system architecture                     | 64-bit                                         |
| Performance cores                    | 2                     | Trial software                                    | 1-month trial for new Microsoft 365 customers. |
| Efficient cores                      | 8                     | Operating system installed *                      | Windows 11 Home                                |
| Performance-core Max Turbo Frequency | 5 GHz                 |                                                   |                                                |
| Efficient-core Max Turbo Frequency   | 3.8 GHz               |                                                   |                                                |
| Performance-core base frequency      | 1.4 GHz               |                                                   |                                                |
| Efficient-core base frequency        | 0.9 GHz               |                                                   |                                                |

| Processor                      |                    | Software                      |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|--------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor cache                | 12 MB              | Bundled software              | 3 Month GoPro Premium+ Subscription One month membership to Adobe Creative Cloud All Apps for an individual user. Redemption period runs from September 15, 2021 to August 31, 2026. Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.) |
| Processor cache type           | Smart Cache        |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Processor base power           | 15 W               |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Maximum turbo power            | 55 W               |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Memory                         |                    |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Internal memory *              | 16 GB              |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Internal memory type           | DDR4-SDRAM         |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Memory form factor             | On-board + SO-DIMM |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Memory layout (slots x size)   | 1 x 8 GB           |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Memory slots                   | 1x SO-DIMM         |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Maximum internal memory *      | 16 GB              |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage                        |                    | Battery                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Total storage capacity *       | 512 GB             | Battery technology            | Lithium-Ion (Li-Ion)                                                                                                                                                                                                                                                                                                                                                                                                     |
| Storage media *                | SSD                | Number of battery cells       | 3                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Total SSDs capacity            | 512 GB             | Battery capacity *            | 50 Wh                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Number of SSDs installed       | 1                  | Power                         |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SSD capacity                   | 512 GB             | AC adapter power              | 48 W                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SSD interface                  | PCI Express 4.0    | AC adapter frequency          | 50 - 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                               |
| NVMe                           | ✓                  | AC adapter input voltage      | 100 - 240 V                                                                                                                                                                                                                                                                                                                                                                                                              |
| SSD form factor                | M.2                | AC adapter output current     | 2.4 A                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Optical drive type *           | ✗                  | AC adapter output voltage     | 20 V                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Card reader integrated         | ✗                  | USB Type-C charging port *    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Graphics                       |                    | USB Power Delivery (USB PD)   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Discrete graphics card model * | Not available      | Security                      |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| On-board graphics card *       | ✓                  | Trusted Platform Module (TPM) | ✓                                                                                                                                                                                                                                                                                                                                                                                                                        |
| On-board GPU manufacturer      | Intel              | Password protection           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Discrete graphics card *       | ✗                  | Password protection type      | BIOS, User                                                                                                                                                                                                                                                                                                                                                                                                               |
| On-board graphics card family  | Intel® Graphics    | Certificates                  |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| On-board graphics card model * | Intel® Graphics    | Compliance certificates       | REACH                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Audio                          |                    | Certification                 | US MIL-STD 810H                                                                                                                                                                                                                                                                                                                                                                                                          |
| Audio system                   | SonicMaster        | Sustainability                |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                |                    | Sustainability certificates   | EPEAT Silver                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weight & dimensions            |                    |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                |                    | Width                         | 399.3 mm                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                |                    | Depth                         | 254.3 mm                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                |                    | Height                        | 19.9 mm                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                |                    | Weight *                      | 2.1 kg                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Packaging content              |                    |                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                |                    | AC adapter included *         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Catalog Object Cloud



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