ASUS VivoBook 17 X1704ZA-AU020W Intel® Core™ i5 i5-1235U Laptop 43.9 cm (17.3") Full HD 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Home Silver

Brand : ASUS

Product family: VivoBook

Product code: 90NB10F1-M003H0

Product name : X1704ZA-AU020W

- Windows 11 Home
- Intel Core i5-1235U
- 8 GB DDR4 3200MHz memory
- 512 GB PCIe 3.0 SSD storage
- Treated with ASUS Antimicrobial Guard Plus
- ASUS webcam shield for instant privacy
- 180° lay-flat hinge for diverse usage
- Stringently tested to US Military-grade durability

Intel Core i5-1235U (12MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS, Intel UHD Graphics, WLAN, Webcam, Windows 11 Home 64-bit
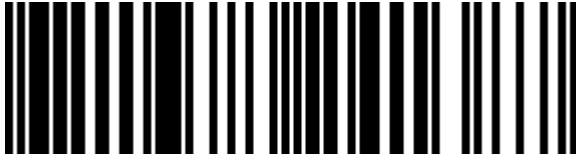
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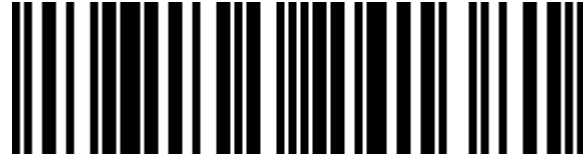
Make every day your day

Turn everyday tasks into something special with Vivobook 17, your essential tool for getting things done easier, anywhere. It's completely user-friendly too, with its 180° lay-flat hinge and physical webcam shield. ASUS Antimicrobial Guard Plus protects frequently-touched surfaces from harmful bacteria, safeguarding your health. Make all your days more enjoyable with Vivobook 17!

Design

Colour name	Cool Silver
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Housing material	Plastic
Market positioning	Home
Introduction year	2023

Display

Display diagonal *	43.9 cm (17.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	250 cd/m²
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-1235U
Processor cores	10
Processor boost frequency	4.4 GHz
Performance cores	2
Efficient cores	8

Graphics

On-board graphics card model *	Intel® UHD Graphics

Audio

Audio system	SonicMaster
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	HD
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Mobile network connection *	✘
Antenna type	1x1
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.1

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✔
Charging port type	DC-in jack
Power adapter barrel connector	4.5 mm

Processor

Performance-core Max Turbo Frequency	4.4 GHz
Efficient-core Max Turbo Frequency	3.3 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	12 W
Processor base power	15 W
Maximum turbo power	55 W

Memory

Internal memory *	8 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

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 3.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✗

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel® UHD Graphics

Keyboard

Pointing device	Touchpad
Numeric keypad *	✓

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers
Operating system installed *	Windows 11 Home

Processor special features

CPU configuration (max)	1

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	50 Wh

Power

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	2.37 A
AC adapter output voltage	19 V

Security

Fingerprint reader	✗
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	BIOS, User

Sustainability

Sustainability compliance	✓
Sustainability certificates	EPEAT Silver, ENERGY STAR, RoHS, REACH

Weight & dimensions

Width	399.3 mm
Depth	254.3 mm
Height	19.9 mm
Weight *	2.1 kg

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