ASUS

ASUS VivoBook 17 X1704ZA-AU020W Laptop 43.9 cm (17.3") Full HD Intel® Core™ i5 i5-1235U 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 64-bit
- Intel Core i5-1235U (12MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS
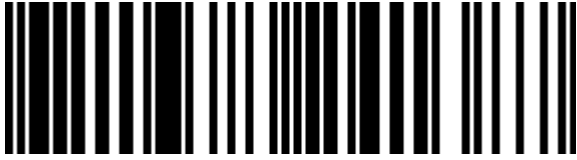- 8GB DDR4-SDRAM (1 x 8) & 512GB SSD

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
ASUS VivoBook 17 X1704ZA-AU020W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1235U. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Silver. Weight: 2.1 kg

Design		Graphics	
Colour name	Cool Silver	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	**Audio**	
Product colour *	Silver	Audio system	SonicMaster
Form factor *	Clamshell	Built-in microphone	✔
Housing material	Plastic		
Market positioning	Home	**Camera**	
Introduction year	2023	Front camera	✔
Display		Front camera HD type	HD
Display diagonal *	43.9 cm (17.3")	Privacy camera	✔
Display resolution *	1920 x 1080 pixels	Privacy type	Privacy shutter
Touchscreen *	✘	**Network**	
HD type	Full HD	Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Panel type	IPS	Wi-Fi standards	Wi-Fi 5 (802.11ac)
LED backlight	✔	Mobile network connection *	✘
Native aspect ratio	16:9	Antenna type	1x1
Anti-glare screen	✔	Ethernet LAN	✘
Display brightness	250 cd/m²	Bluetooth	✔
RGB colour space	NTSC	Bluetooth version	5.1
Colour gamut	45%	**Ports & interfaces**	
Maximum refresh rate	60 Hz	USB 2.0 ports quantity *	1
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	12th gen Intel® Core™ i5	HDMI ports quantity *	1
Processor family *	Intel® Core™ i5	HDMI version	1.4
Processor model *	i5-1235U	Combo headphone/mic port	✔
Processor boost frequency	4.4 GHz	Charging port type	DC-in jack
Efficient-core Max Turbo Frequency	3.3 GHz	Power adapter barrel connector	4.5 mm

Processor

Performance-core Max Turbo Frequency	4.4 GHz
Processor cores	10
Performance cores	2
Efficient cores	8
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 *	✓
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	ENERGY STAR, REACH, RoHS

Weight & dimensions

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

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