



Part No	90NB0ZA3-M00YE0
Model Name	X1605ZA-MB644
EAN Code	4711387354919
UPC Code	197105354913
Marketing Name	ASUS Vivobook 16
Operating System	No preinstalled OS
LCD cover-material	Plastic
LCD cover-color	Indie Black
Top case-material	Plastic
Top case-color	Black
Keyboard color	Black
Bottom case-material	Plastic
Bottom case-color	Indie Black
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Non-touch screen
Panel Size	16.0-inch
Resolution	WUXGA (1920 x 1200) 16:10 aspect ratio
IPS-level	IPS-level Panel
Refresh rate	60Hz refresh rate
Brightness	300nits
Color gamut	45% NTSC color gamut
Glare	Anti-glare display
TUV Rheinland-certified	TÜV Rheinland-certified
Screen-to-body ratio	86 %
Processor	Intel® Core™ i5-12500H Processor 2.5 GHz (18M Cache, up to 4.5 GHz, 4P+8E cores)
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel Iris X® Graphics
Disclaimer for Intel Iris Xe	*Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory.
VRAM	N/A
How to upgrade memory	Upgradable; Need to remove bottom/top case
Expansion Slot(includes used)	1x DDR4 SO-DIMM slot
On board memory	8GB DDR4 on board
DIMM Memory	8GB DDR4 SO-DIMM
Total System Memory	DDR4 16GB
Disclaimer for memory	*Dual-channel memory support requires at least one SO-DIMM module.
Storage	512GB M.2 NVMe™ PCIe® 3.0 SSD
Front-facing camera	720p HD camera ; With privacy shutter
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card
Touchpad	Touchpad
ScreenPad™	N/A
DialPad	N/A
FingerPrint	FingerPrint
I/O ports	1x USB 2.0 Type-A 1x USB 3.2 Gen 1 Type-C 2x USB 3.2 Gen 1 Type-A 1x HDMI 1.4 1x 3.5mm Combo Audio Jack 1x DC-in
Audio	SonicMaster Built-in speaker Built-in microphone
Voice control	with Cortana voice-recognition support
AC Adapter	64.5, 65W AC Adapter, Output: 19V DC, 3.42A, 65W, Input: 100~240V AC 50/60Hz universal
Battery	42WHrs, 351P, 3-cell Li-ion
Replaceable Battery	No
Keyboard type	Chiclet Keyboard with Num-key
Dimension (WxHxD)	35.87 x 24.95 x 1.99 ~ 1.99 cm (14.12" x 9.82" x 0.78" ~ 0.78")
Weight (with Battery)	1.88 kg (4.14 lbs)
Weight (without Battery)	1.68 kg (3.70 lbs)
Security	McAfee® BIOS Booting User Password Protection Trusted Platform Module (Firmware TPM)
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update AI Noise Canceling
Built-in Apps	MyASUS ScreenXpert GlideX
Included in the Box	Wired optical mouse (USB)
Reparability Index (for France)	5.3