



Part No	90NX08F1-M00P10
Sales Model Name	B5605CCA-MBC516512X
EAN Code	4711636349963
UPC Code	199291349964
WEEE	1.323
BASE UNIT	VSNX08F1-BUB105
Operating System	Windows 11 Pro
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Aluminum
LCD cover-color	Gentle Grey
Top case-material	Aluminum
Top case-color	Gentle Grey
Bottom case-material	Aluminum
Bottom case-color	Gentle Grey
Military grade	US MIL-STD 810H military-grade standard
Panel Size	16.0-inch
Backlit	LED Backlit
Brightness	300nits
Resolution	WUXGA (1920 x 1200) 16:10
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	178/178
Response time(Typ/Max) (ms)	25/30
Refresh rate	60Hz
Contrast (Typ)	1000:1
Touch Panel	Non-touch screen
Screen-to-body ratio	85 %
IPS-level	Wide view
Processor	Intel® Core™ Ultra 5 Processor 225H 1.7 GHz (18MB Cache, up to 4.9 GHz, 14 cores, 14 Threads); Intel® AI Boost NPU up to 13 TOPS
Neural processor	Intel® AI Boost NPU
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel® Arc™ Graphics(available for Intel® Core™ Ultra H 5/7/9 with dual channel memory)
VRAM	N/A
Expansion Slot(includes used)	2x DDR5 SO-DIMM slots
DIMM Memory	16GB DDR5 SO-DIMM
Total System Memory	DDR5 16GB

Storage	512GB M.2 2280 NVMe™ PCIe® 4.0 SSD SSD Housing for storage expansion
Front-facing camera	1080p FHD camera with IR function to support Windows Hello With privacy shutter
Wireless	Wi-Fi 7(802.11be) (Triple band) 2*2 + Bluetooth® 5.4 Wireless Card
NumberPad	N/A
FingerPrint	FingerPrint
Keyboard type	Backlit Chiclet Keyboard
I/O ports	2x USB 3.2 Gen 1 Type-A 2x Thunderbolt™ 4, compliant with USB4, supports display / power delivery 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet Micro SD card reader Smart card reader
Audio	Audio by Dirac
Battery	63WHrs, 3S1P, 3-cell Li-ion
AC Adapter	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal (Adapter+power cord)
Required charging power	Min: 55W Max: 65W *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.
Dimension (WxHxD)	35.84 x 25.39 x 1.75 ~ 1.79 cm (14.11" x 10.00" x 0.69" ~ 0.70")
Weight (with Battery)	1.77 kg (3.90 lbs)
Weight (w/o Battery)	1.55 kg (3.42 lbs)
Security	Fingerprint sensor integrated with Power Key Kensington Nano Security Slot™(6x 2.5mm) BIOS Booting User Password Protection BIOS Integrity Measurement Support BIOS Self Recovery BIOS setup user password CSME BIOS Redundancy Assistance Enhanced Password Strength HDD User Password Protection and Security Intel CSME Firmware Resilience Intel® BIOS Guard Intel® Boot Guard Microsoft Security Level 2 Support Absolute Persistence 2.0 (Computrace) Trusted Platform Module (TPM) 2.0
Antivirus	McAfee® 30 days free trial
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
Built-in Apps	MyASUS AI ExpertMeet (AI features need devices with 12GB RAM or more)
Disclaimer for Built-in Apps	Built-in Apps vary from OS SKU. *MyASUS/McAfee don't support in Pure OS/without OS/G sku/Win SE/Windows on ARM/Linux OS (ex. Endless, Kylin, Ubuntu)
Reparability Index (for Belgium)	9.5
Reparability Index (for France)	9.9

Ecolabels & Compliances	EPEAT Gold with Climate+ Energy star 8.0 FSC Recycled REACH RoHS TCO Certified
Base Warranty	3Y OnSite Service(Next Business Day)
Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty	*If you would like to know the details, please contact your sales teams.
Battery warranty	Commercial NB B series Battery warranty follow system warranty, 4Y-5Y by WEP option.
Sustainable Material_Top cover(A part)	30% PCR recycled plastic(cover or inner frame) 30% PIR recycled aluminum
Sustainable Material_Keyboard frame (C part)	30% PCR recycled plastic(cover or inner frame) 30% PIR recycled aluminum
Sustainable Material_Bottom cover (D part)	30% PCR recycled plastic(cover or inner frame) 30% PIR recycled aluminum
Sustainable Material_Battery	30% PCR recycled plastic
Sustainable Material_Keyboard	50% PCR recycled plastic cap 50% PIR recycled aluminum bracket
Sustainable Material_Speaker	45% PCR + 5% OBP PCR recycled plastic enclosure

