

Model	P5605CAA / 90NX0AC1-M00830
Operating System	Windows 11 Pro
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Aluminum
LCD cover-color	Misty Grey
Top case-material	Aluminum
Top case-color	Misty Grey
Bottom case-material	Aluminum
Bottom case-color	Misty Grey
Military grade	US MIL-STD 810H military-grade standard
Panel Size	16.0-inch
Backlit	LED Backlit
Brightness	400nits
Resolution	WQXGA (2560 x 1600) 16:10
Glare	Anti-glare display
Color gamut	sRGB: 100%
View angle(H/V)	178/178
Response time(Typ/Max) (ms)	20/25
Refresh rate	144Hz
Contrast (Typ)	1500:1
Touch Panel	Non-touch screen
IPS-level	Wide view
Processor	Intel® Core™ Ultra 7 Processor 356H 1.9 GHz (18MB Cache, up to 4.7 GHz, 16 Cores, 16 Threads); Intel® AI Boost NPU up to 50 TOPS
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel® Graphics
VRAM	N/A

How to upgrade memory	Upgradable; Need to remove bottom/top case
Expansion Slot(includes used)	2x DDR5 SO-DIMM slots 1x M.2 2230 PCIe 4.0x4 1x M.2 2280 PCIe 4.0/5.0x4
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	5.0M camera 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
Keyboard language	German
I/O ports	2x USB 3.2 Gen 1 Type-A 2x Thunderbolt™ 4, compliant with USB4, support display / power delivery 1x HDMI™ 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet
Audio	Audio by Dirac Smart Amp Technology Built-in speaker Built-in array microphone
Battery	50WHrs, 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 1.00 ~ 1.80 cm (14.11" x 10.00" x 0.39" ~ 0.71")
Starting Weight (with Battery)	1.80 kg (3.97 lbs)
Starting Weight (w/o Battery)	1.61 kg (3.55 lbs)

Security	Kensington Nano Security Slot™(6x 2.5mm) IR webcam with Windows Hello support Fingerprint sensor HDD User Password Protection and Security Intel CSME Firmware Resilience Microsoft Secured-core PC BIOS Self Recovery CSME BIOS Redundancy Assistance Intel® BIOS Guard Support Absolute Persistence 2.0 (Computrace) BIOS Protection Support Enhanced Password Strength Intel® Boot Guard BIOS Integrity Measurement Support Microsoft Security Level 3 BIOS setup user password BIOS Booting User Password Protection Trusted Platform Module (TPM) 2.0 N/A
Antivirus	McAfee® 1 year
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
MyExpert Features	Chat Knowledge Hub Advanced Tool ExpertMeet(All) File Search SafeGuard Backup(Dual SSD, additional purchase before shipment)
Built-in Apps	MyASUS ASUS MyExpert (Not supported in China, 16GB RAM or higher) AI ExpertMeet (China only)
Reparability Index (for Belgium)	00.0
Reparability Index (for France)	09.3
Ecolabels & Compliances	EPEAT Gold with Climate+ Energy star 9.0 FSC Recycled REACH RoHS TCO Certified
Base Warranty	1Y Pick up/ return; ZENCARE + 2Y Pick up/ return

**Recommended Warranty
Package Part number//Extension
and/or upgrade service from
base warranty**

ACX12-002021NX//1Y Extension; 4Y Accidental Damage Protection* *upgrade
ACX13-007013NX//1Y Extension; 4Y OnSite Service(Next Business
Day)*upgrade
ACX13-018710NX//3Y OnSite Service(Next Business Day)*upgrade
*If you would like to know the details, please contact your sales teams.

Battery warranty

Commercial NB P series Battery warranty follow system warranty.

**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% PIR recycled aluminum bracket

Sustainable Material_Speaker

45% PCR + 5% OBP PCR recycled plastic enclosure