



Part No	90NB10B1-M00170
Model Name	W7604J3D-MY029X
EAN Code	4711387058985
UPC Code	197105058989
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Aluminum + MgAl
LCD cover-color	Mineral Black
Top case-material	Mg-Al
Top case-color	Mineral Black
Keyboard color	Black
Bottom case-material	Aluminum
Bottom case-color	Mineral Black
Military grade	US MIL-STD 810H military-grade standard
Touch Panel	Touch screen
Panel Size	16.0-inch
Resolution	3.2K (3200 x 2000) OLED 16:10 aspect ratio
Response time	0.2ms response time
Refresh rate	120Hz refresh rate
Brightness	500nits
Peak Brightness	550nits HDR peak brightness
Color gamut	100% DCI-P3 color gamut
Contrast ratio	1,000,000:1
VESA CERTIFIED Display HDR	VESA CERTIFIED Display HDR True Black 500
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Calman	Calman Validated
Glare	Glossy display
Low blue light	70% less harmful blue light
SGS Eye Care Display	SGS Eye Care Display
Screen-to-body ratio	87 %
Processor	Intel® Core™ i9-13980HX Processor 2.2 GHz (36MB Cache, up to 5.6 GHz, 24 cores, 32 Threads)
Chipset	N/A
Discrete/Share	Discrete
Intergrated GPU	Intel® UHD Graphics
Graphics	NVIDIA RTX™ 3000 Ada Generation Laptop GPU
VRAM	8GB GDDR6

Expansion Slot(includes used)	2x DDR5 SO-DIMM slots 2x M.2 2280 PCIe 4.0x4
On board memory	N/A
DIMM Memory	32GB DDR5 SO-DIMM *2
Total System Memory	DDR5 64GB
Storage	1TB M.2 NVMe™ PCIe® 4.0 Performance SSD
Front-facing camera	FHD camera with IR function to support Windows Hello ; With privacy shutter
Wireless	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5
on board Wireless	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5
ScreenPad?	N/A
FingerPrint	FingerPrint
I/O ports	2x USB 3.2 Gen 2 Type-A 2x Thunderbolt™ 4 supports display / power delivery 1x HDMI 2.1 FRL 1x 3.5mm Combo Audio Jack 1x Headphone/Headset 1x RJ45 Gigabit Ethernet 1x DC-in SD Express 7.0 card reader
Audio	Smart Amp Technology Built-in speaker Built-in 4-way stereo speakers Built-in microphone Built-in array microphone harman/kardon (Premium)
Voice control	with Cortana voice-recognition support
AC Adapter	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal
Battery	90WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Keyboard type	Backlit Chiclet Keyboard with Num-key
Dimension (WxHxD)	35.60 x 27.10 x 2.09 ~ 2.39 cm
Weight (with Battery)	2.40 kg
Weight (without Battery)	2.05 kg
Antivirus	McAfee® LiveSafe™ 30 days free trial
Security	McAfee® LiveSafe™ 30 days free trial IR webcam with Windows Hello support McAfee® LiveSafe™ Security Lock BIOS Booting User Password Protection BIOS setup user password HDD User Password Protection and Security Trusted Platform Module (TPM) 2.0
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update ASUS OLED Care AI Noise Canceling AdaptiveLock
Built-in Apps	MyASUS ProArt Creator Hub ScreenXpert GlideX

Adobe Creative Cloud Hard Bundle	Three-Month Membership of Adobe Creative Cloud All Apps, Individual. The redemption duration from September 15, 2021 to August 31, 2023.
Included in the Box	Backpack Stylus (ASUS Pen 2.0 SA203H-MPP2.0 support)
Reparability Index (for France)	6.3

