Model	FA808UM / 90NR0NN1-M003N0
Marketing Name	ASUS TUF Gaming A18
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Exclusive subscription offers	3-Month Google AI Pro Subscription 6-Month Dropbox 500GB Subscription 1-Year ASUS Secure Auto-Backup 200GB Subscription *Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details.
Color	Jaeger Gray
LCD cover-material	Aluminum
Top case-material	IMR
Bottom case-material	Texture plastic
Dimension (W x D x H)	39.9 x 28.3 x 1.89 ~ 2.67 cm (15.71" x 11.14" x 0.74" ~ 1.05")
Weight	2.60 Kg (5.73 lbs)
Processor	AMD Ryzen™ 7 260 Processor 3.8GHz (24MB Cache, up to 5.1 GHz, 8 cores, 16 Threads); AMD XDNA™ NPU up to 16TOPS
Chipset	N/A
Intergrated GPU	AMD Radeon™ 780M Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5060 Laptop GPU
Graphic Wattage	1737 MHz* at 115W (1687 MHz Boost Clock+50MHz OC, 100W + 15W Dynamic Boost)
Graphic Memory	8GB GDDR7
Neural Processor	AMD XDNA™ NPU up to 16TOPS
Panel Size	18-inch
Resolution	FHD+ 16:10 (1920 x 1200, WUXGA)
Refresh Rate	144Hz
Response Time (G2G)	3ms
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	300 nits

Contrast Ratio	1000:1
NTSC %	72.00%
SRGB %	100%
Adobe %	75.35%
Surface texture of display	Anti-glare(AG) display
Adaptive-Sync technology	G-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
DIMM Memory	16GB DDR5-5600 SO-DIMM *2 The memory speed of the systems vary by CPU SPEC
Total System Memory	DDR5 32GB
Memory Slot	2x SO-DIMM slots
Memory Max.	64GB
How to upgrade memory	Upgradable
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	M.2 PCIe 512GB M.2 PCIe 1TB M.2 PCIe 2TB
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots 2x M.2 PCIe
LAN	10/100/1000 Mbps
Wireless	Wi-Fi 6E(802.11ax) (Triple band) 2*2 Wireless Card Bluetooth® 5.4 (The features and supported version may vary depending on OS support and driver availability.)
I/O Ports	1x Type-C USB 4 with support for DisplayPort™ (data speed up to 40Gbps) 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 1x RJ45 LAN port 1x USB 2.0 Type-A (data speed up to 480Mbps) 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps)
Display output	1x HDMI 2.1 FRL
Camera	1080P FHD IR Camera for Windows Hello

Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB with Num-key With Copilot key *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq
Aura Sync	Yes
Touchpad	Touchpad N/A
Speakers	2-speaker system
Audio	1x 3.5mm Combo Audio Jack Built-in array microphone
Audio Tech	Support Microsoft Cortana near field/far field (Microsoft service suspended in spring of 2023.) Dolby Atmos Hi-Res certification (for headphone) AI noise-canceling technology
Security	BIOS Administrator Password and User Password Protection Pluton Security Processor Secured-core PC (Level 3)
Antivirus	McAfee® 30 days free trial
Battery	90WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Charger included	Included
Power	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Required charging power	Min: 45W Max: 100W *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.
Xbox Game Pass	XBOX Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for XBOX Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Ecolabels & Compliances	EPEAT Silver ENERGY STAR®
Reparability Index (for France)	9.9
Reparability Index (for BNL)	9.3