



Part No	90NR0NL1-M000D0
Sales Model Name	FA808UP-S8011W
EAN Code	4711636045353
UPC Code	199291045354
WEEE	3.251
BASE UNIT	VSNR0NL1-BU2100
Marketing Name	ASUS TUF Gaming A18
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Color	Jaeger Gray
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™ Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5070 Laptop GPU
Graphic Wattage	2397 MHz* at 100W (2347 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%
Glare	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
DIMM Memory	8GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
Total System Memory	DDR5 16GB

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 512mb 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 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x RJ45 LAN port 1x Type-C USB 4 with support for DisplayPort™ (data speed up to 40Gbps) 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) 2x USB 3.2 Gen 2 Type-A (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 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	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Support Microsoft Cortana near field/far field (Microsoft service suspended in spring of 2023.)
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
Power	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Xbox Game Pass	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Ecolabels & Compliances	ENERGY STAR® EPEAT Silver
Reparability Index (for France)	?.?

