Part No	90NR0MG1-M001M0
	
Sales Model Name	FA808PP-S8041W
EAN Code	4,71164E+12
UPC Code	199291584068
WEEE	3.192
BASE UNIT	VSNR0MG1-BU1200
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
Top case-material	Aluminum
LCD cover-material	Texture plastic
Bottom case-material	Texture plastic
Dimension (W x D x H)	39.9 x 28.3 x 1.89 ~ 2.98 cm (15.71" x 11.14" x 0.74" ~ 1.17")
Weight	2.70 Kg (5.95 lbs)
Processor	AMD Ryzen™ 9 8940HX Processor 2.4GHz (80MB Cache, up to 5.3GHz, 16 cores, 32 Threads)
Chipset	N/A
Intergrated GPU	AMD Radeon™ Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic Wattage	1595 MHz* at 115W (1545 MHz Boost Clock+50MHz OC, 100W + 15W Dynamic Boost)
Graphic	NVIDIA® GeForce RTX™ 5070 Laptop GPU
Graphic Memory	8GB GDDR7
Neural Processor	
Panel Size	18-inch
Resolution	FHD+ 16:10 (1920 x 1200, WUXGA)
Response Time (G2G)	3ms
Refresh Rate	144Hz
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Contrast Ratio	1000:1
Brightness	300 nits
NTSC %	72.00%
SRGB %	100%
DCI-P3 %	
Adobe %	75.35%

Surface texture of display	Anti-glare(AG) display
Adaptive-Sync technology	G-Sync
Pantone	N/A
Nebula Display	
Support Dolby Vision HDR	N/A
Thermal Feature	
On board memory	N/A
DIMM Memory	16GB DDR5-5600 SO-DIMM The memory speed of the systems vary by CPU SPEC
Total System Memory	DDR5 16GB
Memory Slot	2x SO-DIMM slots
Memory Max.	64GB
Multi-channel memory technology	
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 + Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / G-SYNC (data speed up to 10Gbps) 3x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps) 1x RJ45 LAN port
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 Tech	Hi-Res certification (for headphone) Support Microsoft Cortana near field/far field (Microsoft service suspended in spring of 2023.) Dolby Atmos AI noise-canceling technology
Audio	1x 3.5mm Combo Audio Jack Built-in array microphone
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
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, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100-240V AC, 50/60Hz universal
Charger included	Included
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	N/A
Reparability Index (for France)	9.0

Reparability Index (for BNL)