

ASUS TUF Gaming A18 FA808UH-S8021 AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0NM1-M003B0

Product name : FA808UH-S8021

- No OS
 - AMD Ryzen 7 260 (3.8GHz)
 - 45.7 cm (18") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5050 (8GB GDDR7)
 - 16GB (5600MHz) DDR5-SDRAM & 512GB SSD
- AMD Ryzen 7 260 (3.8GHz), 16GB DDR5-SDRAM, 512GB SSD, 45.7 cm (18") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 780M, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, Webcam, No OS

ASUS TUF Gaming A18 FA808UH-S8021 AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Black, Grey:

Serious gaming specs

As the first 18-inch laptop in the TUF Gaming family, the A18 boasts some seriously impressive specs, giving you access to the very best of gaming on Windows 11. Featuring an AMD® Ryzen™ 7 260 processor and up to an NVIDIA® GeForce RTX™ 5070 Laptop GPU, the A18 can easily play the latest games or keep your workflow on schedule.

Design		Audio	
Colour name	Jaeger Gray	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black, Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera HD type	Full HD
Display		Infrared (IR) camera	✓
Display diagonal *	45.7 cm (18")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS-Level	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	300 cd/m²	Bluetooth	✓
RGB colour space	sRGB	Bluetooth version	5.3
Colour gamut	100%	Ports & interfaces	
Display response rise/fall	3 ms	USB 2.0 ports quantity *	1
Maximum refresh rate	144 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	AMD	USB4 Gen 3x2 ports quantity	1
Processor family *	AMD Ryzen™ 7	Ethernet LAN (RJ-45) ports	1
Processor generation	AMD Ryzen 200 Series	HDMI ports quantity *	1
Processor model *	260	HDMI version	2.1
Processor cores	8	Combo headphone/mic port	✓
Processor threads	16	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.1 GHz	Performance	
Processor frequency *	3.8 GHz	Repairability index	9.6
Processor cache type	L2 & L3		
L3 cache	16 MB		
L2 cache	8 MB		

Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	AMD Ryzen AI	Pointing device	Touchpad
Total processor performance up to	38 TOPs	Numeric keypad *	✓
NPU performance up to	16 TOPs	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	16 GB	Keyboard backlit zone	1-zone RGB
Internal memory type	DDR5-SDRAM	Copilot key	✓
Memory clock speed	5600 MHz	Software	
Memory form factor	SO-DIMM	Operating system installed *	✗
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	4
Total storage capacity *	512 GB	Battery capacity *	90 Wh
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	512 GB	Fast charging time (50%)	30 min
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	240 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	12 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✗	DC-in jack	✓
Graphics		USB Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Security	
Discrete graphics card memory	8 GB	Face recognition	✓
Discrete graphics memory type	GDDR7	Windows Hello	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	BIOS, User
Discrete graphics card *	✓	Sustainability	
On-board graphics card family	AMD Radeon	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board graphics card model *	AMD Radeon 780M	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	399 mm
Audio		Depth	283 mm
Audio system	Dolby Atmos	Height (front)	1.89 cm
		Height (rear)	2.67 cm
		Weight *	2.6 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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