

ASUS TUF Gaming FA808UM-S8013W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0NN1-M000J0

Product name : FA808UM-S8013W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (16MB Cache, 3.8GHz)
 - 45.7 cm (18") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5060 (8GB GDDR7)
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
 AMD Ryzen 7 260 (16MB Cache, 3.8GHz), 16GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 780M, NVIDIA GeForce RTX 5060 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming FA808UM-S8013W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home 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		Network	
Colour name	Jaeger Gray	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black, Grey	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✓
Market positioning	Gaming	Ethernet LAN data rates	10,100,1000 Mbit/s
Country of origin	China	Bluetooth	✓
Display		Bluetooth version	5.3
Display diagonal *	45.7 cm (18")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 2.0 ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
HD type	WUXGA	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	IPS-Level	USB4 Gen 3x2 ports quantity	1
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
RGB colour space	sRGB	Combo headphone/mic port	✓
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Display response rise/fall	3 ms	Keyboard	
Maximum refresh rate	144 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1000:1	Numeric keypad *	✓
Processor		Keyboard backlit	✓
Processor manufacturer *	AMD	Keyboard backlit colour	RGB
Processor family *	AMD Ryzen™ 7	Keyboard backlit zone	1-zone RGB
Processor generation	AMD Ryzen 200 Series	Copilot key	✓
Processor model *	260	Software	
Processor cores	8	Operating system architecture	64-bit
Processor threads	16		
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		
Processor cache	16 MB		

Processor		Software			
Processor cache type	L2 & L3	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days		
Neural processor unit (NPU)					
Neural processor unit (NPU)	AMD Ryzen AI	Operating system installed *		Windows 11 Home	
Total processor performance up to	38 TOPs			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.)	
NPU performance up to	16 TOPs	Bundled software			
Memory					
Internal memory *	16 GB			Microsoft Copilot	✓
Internal memory type	DDR5-SDRAM				
Memory clock speed	5600 MHz				
Memory form factor	SO-DIMM				
Memory layout (slots x size)	2 x 8 GB	Battery			
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)		
Maximum internal memory *	64 GB	Number of battery cells	4		
Storage		Battery capacity *	90 Wh		
Total storage capacity *	1 TB	Fast charging	✓		
Storage media *	SSD	Fast charging time (50%)	30 min		
Total SSDs capacity	1 TB	Power			
Number of SSDs installed	1	AC adapter power	240 W		
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz		
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V		
NVMe	✓	AC adapter output current	12 A		
SSD form factor	M.2	AC adapter output voltage	20 V		
Optical drive type *	✗	DC-in jack	✓		
Card reader integrated	✗	USB Type-C charging port *	✓		
Graphics		USB Type-C required charging power (min) *	45 W		
Discrete GPU manufacturer	NVIDIA	USB Type-C required charging power (max) *	100 W		
Discrete graphics card model *	NVIDIA GeForce RTX 5060	USB Power Delivery (USB PD)	✓		
Discrete graphics card memory	8 GB	Security			
Discrete graphics memory type	GDDR7	Face recognition	✓		
On-board graphics card *	✓	Windows Hello	✓		
On-board GPU manufacturer	AMD	Password protection	✓		
Discrete graphics card *	✓	Password protection type	BIOS, User		
On-board graphics card family	AMD Radeon	Sustainability			
On-board graphics card model *	AMD Radeon 780M	Sustainability certificates	ENERGY STAR, EPEAT Silver		
NVIDIA G-SYNC	✓	Weight & dimensions			
Audio		Width	399 mm		
Audio system	Dolby Atmos	Depth	283 mm		
Number of built-in speakers	2	Height (front)	1.89 cm		
Built-in microphone	✓	Height (rear)	2.67 cm		
Camera		Weight *	2.6 kg		
Front camera	✓	Packaging data			
Front camera HD type	Full HD	Package width	510 mm		
Infrared (IR) camera	✓	Package depth	95 mm		
Network		Package height	345 mm		
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Package weight	3.67 kg		
		Packaging content			
		AC adapter included *	✓		
		Logistics data			
		Commodity Classification Automated Tracking System (CCATS)	8471300000		



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