

ASUS TUF Gaming A18 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 Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0NN1-M000J0

Product name : FA808UM-S8013W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (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 (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 A18 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 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 *	Grey	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✓
Market positioning	Gaming	Ethernet LAN data rates	10,100,1000 Mbit/s
Introduction year	2025	Bluetooth	✓
Country of origin	China	Bluetooth version	5.3
Display		Ports & interfaces	
Display diagonal *	45.7 cm (18")	USB 2.0 ports quantity *	1
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	WUXGA	USB4 Gen 3x2 ports quantity	1
Panel type	IPS-Level	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.1
Display brightness	300 cd/m²	Combo headphone/mic port	✓
RGB colour space	sRGB	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	100%		
Display response rise/fall	3 ms		
Maximum refresh rate	144 Hz		
Contrast ratio (typical)	1000:1		
Processor		Performance	
Processor manufacturer *	AMD	Repairability index	9.8
Processor family *	AMD Ryzen™ 7		
Processor generation	AMD Ryzen 200 Series		
Processor model *	260		
Processor cores	8		
Processor threads	16		
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		
		Keyboard	
		Pointing device	Touchpad
		Numeric keypad *	✓
		Keyboard backlit	✓
		Keyboard backlit colour	RGB
		Keyboard backlit zone	1-zone RGB
		Copilot key	✓

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



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Catalog Object Cloud



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