

ASUS TUF Gaming A18 FA808UM-S8015W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0NN1-M00350

Product name : FA808UM-S8015W

- 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 & 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 5060 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A18 FA808UM-S8015W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 512 GB 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		Camera	
Colour name	Jaeger Gray	Front camera	✓
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Black, Grey	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	45.7 cm (18")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✗	Ethernet LAN	✓
HD type	WUXGA	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS-Level	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.3
Anti-glare screen	✓	Ports & interfaces	
Display brightness	300 cd/m²	USB 2.0 ports quantity *	1
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	144 Hz	USB4 Gen 3x2 ports quantity	1
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor family *	AMD Ryzen™ 7	HDMI version	2.1
Processor generation	AMD Ryzen 200 Series	Combo headphone/mic port	✓
Processor model *	260	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8	Performance	
Processor threads	16	Repairability index	9.8
Processor boost frequency	5.1 GHz	Keyboard	
Processor frequency *	3.8 GHz	Pointing device	Touchpad
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	Numeric keypad *	✓
Total processor performance up to	38 TOPs	Keyboard backlit	✓
NPU performance up to	16 TOPs	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	1-zone RGB
Internal memory *	16 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	5600 MHz	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Microsoft Copilot	✓
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	512 GB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	512 GB	Fast charging	✓
Number of SSDs installed	1	Fast charging time (50%)	30 min
SSD capacity	512 GB	Power	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	12 A
Card reader integrated	✗	AC adapter output voltage	20 V
Graphics		DC-in jack	✓
Discrete GPU manufacturer	NVIDIA	USB Type-C charging port *	✓
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
		Weight *	2.6 kg
		Packaging content	
		AC adapter included *	✓



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