

ASUS TUF Gaming A18 FA808UP-S8012W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey QWERTZ German



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0NL1-M000EO

Product name : FA808UP-S8012W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (3.8GHz)
 - 18" WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 5070 (8GB GDDR7)
 - 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 1000GB SSD
 AMD Ryzen 7 260 (3.8GHz), 16GB DDR5-SDRAM, 1000GB SSD, 18" WUXGA 1920 x 1200 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A18 FA808UP-S8012W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey QWERTZ German:

Robust Performance, Elevated Victory.

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 resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Market positioning	Gaming	Network	
Introduction year	2025	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	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
Display response rise/fall	3 ms	USB4 Gen 3x2 ports quantity	1
Maximum refresh rate	144 Hz	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen™ 7	Combo headphone/mic port	✓
Processor generation	AMD Ryzen 200 Series	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	260	Keyboard	
Processor cores	8	Pointing device	Touchpad
Processor threads	16	Numeric keypad *	✓
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		
Processor cache type	L2 & L3		
L3 cache	16 MB		

Processor		Keyboard	
L2 cache	8 MB	Keyboard backlit	✓
Neural processor unit (NPU)		Keyboard backlit colour	RGB
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit zone	1-zone RGB
Total processor performance up to	38 TOPs	Keyboard layout	QWERTZ
NPU performance up to	16 TOPs	Keyboard language	German
Memory		Copilot key	✓
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Microsoft Copilot	✓
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	1 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	64 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	90 Wh
Storage		Fast charging	✓
Total storage capacity *	1 TB	Fast charging time (50%)	30 min
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	240 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	12 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✗	Security	
Graphics		Face recognition	✓
Discrete GPU manufacturer	NVIDIA	Windows Hello	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR7	Sustainability	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✓	Width	399 mm
On-board graphics card family	AMD Radeon Graphics	Depth	283 mm
On-board graphics card model *	AMD Radeon 780M	Height (front)	1.89 cm
NVIDIA G-SYNC	✓	Height (rear)	2.67 cm
Audio		Weight *	2.6 kg
Audio system	Dolby Audio	Packaging data	
Number of built-in speakers	2	Package width	486.6 mm
Built-in microphone	✓	Package depth	111.6 mm
		Package height	345 mm
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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