

ASUS TUF Gaming A18 TUF808UM-DICS8103W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 32 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-M005U0

Product name : TUF808UM-DICS8103W

- 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)
- 32GB (5600MHz) DDR5-SDRAM & 1000GB SSD

AMD Ryzen 7 260 (3.8GHz), 32GB 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 TUF808UM-DICS8103W AMD Ryzen™ 7 260 Laptop 45.7 cm (18") WUXGA 32 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		Camera	
Colour name	Jaeger Gray	Front camera HD type	Full HD
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	Black, Grey	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Certified refurbished	✗	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	45.7 cm (18")	Ethernet LAN	✓
Display resolution *	1920 x 1200 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WUXGA	Bluetooth version	5.3
Panel type	IPS-Level	Ports & interfaces	
Native aspect ratio	16:10	USB 2.0 ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display brightness	300 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
RGB colour space	sRGB	USB4 Gen 3x2 ports quantity	1
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Display response rise/fall	3 ms	HDMI ports quantity *	1
Maximum refresh rate	144 Hz	HDMI version	2.1
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Performance	
Processor family *	AMD Ryzen™ 7	Repairability index	9.8
Processor generation	AMD Ryzen 200 Series	Keyboard	
Processor model *	260	Pointing device	Touchpad
Processor cores	8	Numeric keypad *	✓
Processor threads	16		
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		
Processor cache type	L2 & L3		

Processor		Keyboard	
L3 cache	16 MB	Keyboard backlit	✔
L2 cache	8 MB	Keyboard backlit colour	RGB
Neural processor unit (NPU)		Keyboard backlit zone	1-zone RGB
Copilot+ PC	✗	Copilot key	✔
Neural processor unit (NPU)	AMD Ryzen AI	Software	
Total processor performance up to	38 TOPs	Operating system architecture	64-bit
NPU performance up to	16 TOPs	Microsoft Copilot	✔
Memory		Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Bundled software	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer available only in markets eligible for Xbox Game Pass for PC. Eligible markets are determined at the time of activation. Game catalog varies by region, device, and time.)
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 16 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Fast charging	✔
SSD capacity	1 TB	Fast charging time (50%)	30 min
SSD interface	PCI Express 4.0	Power	
NVMe	✔	AC adapter power	240 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	AC adapter output current	12 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	DC-in jack	✔
Discrete graphics card model *	NVIDIA GeForce RTX 5060	USB Type-C charging port *	✔
Discrete graphics card memory	8 GB	USB Type-C required charging power (min) *	45 W
Discrete graphics memory type	GDDR7	USB Type-C required charging power (max) *	100 W
On-board graphics card *	✔	USB Power Delivery (USB PD)	✔
On-board GPU manufacturer	AMD	Security	
Discrete graphics card *	✔	Face recognition	✔
On-board graphics card family	AMD Radeon	Windows Hello	✔
On-board graphics card model *	AMD Radeon 780M	Password protection	✔
NVIDIA G-SYNC	✔	Password protection type	BIOS, User
Audio		Sustainability	
Audio system	Dolby Atmos	Sustainability certificates	ENERGY STAR, EPEAT Silver
Number of built-in speakers	2	Weight & dimensions	
Built-in microphone	✔	Width	399 mm
Camera		Depth	283 mm
Front camera	✔	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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