



ASUS TUF Gaming A16 Advantage Edition FA617NS-N3083W notebook 7735HS 40.6 cm (16") WUXGA AMD Ryzen™ 7 16 GB DDR5-SDRAM 512 GB SSD AMD Radeon RX 7600S Wi-Fi 6 (802.11ax) Windows 11 Home Black



Brand : ASUS

Product family: TUF Gaming

Product code: FA617NS-N3083W

Product name : FA617NS-N3083W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 7735HS (16MB Cache, 3.2GHz)
 - 40.6 cm (16") WUXGA 1920 x 1200 IPS, AMD Radeon RX 7600S (8GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
 AMD Ryzen 7 7735HS (16MB Cache, 3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, AMD Radeon 680M, AMD Radeon RX 7600S (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS TUF Gaming A16 Advantage Edition FA617NS-N3083W. Product type: Notebook, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 7735HS, Processor frequency: 3.2 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 680M. Operating system installed: Windows 11 Home. Product colour: Black

Design		Audio	
Colour name	Off Black	Audio system	Dolby Atmos
Product type *	Notebook	Number of built-in speakers	2
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Display		Front camera HD type	HD
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.2
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor model *	7735HS	HDMI version	2.1
Processor family *	AMD Ryzen™ 7	Combo headphone/mic port	✓
Processor frequency *	3.2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.75 GHz	USB Power Delivery	✓
Processor cores	8	Keyboard	
Processor cache	16 MB	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	16 GB	Keyboard backlight	✓
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		

Memory		Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	512 GB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
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
Graphics		AC adapter output voltage	20 V
Discrete graphics card model *	AMD Radeon RX 7600S	Security	
On-board graphics card *	✓	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card model *	AMD Radeon 680M	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	355 mm
Discrete graphics memory type	GDDR6	Depth	252 mm
		Height (front)	2.21 cm
		Height (rear)	2.68 cm
		Weight *	2.2 kg



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