



ASUS TUF Gaming A16 Advantage Edition FA617NS-N3083W AMD Ryzen™ 7 7735HS Laptop 40.6 cm (16") WUXGA 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: 90NR0EP2-M007C0

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: Laptop, 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		Camera	
Colour name	Off Black	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Country of origin	China	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	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	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Anti-glare screen	✓	USB4 Gen 2x2 ports quantity	1
RGB colour space	sRGB	Ethernet LAN (RJ-45) ports	1
Colour gamut	100%	HDMI ports quantity *	1
Maximum refresh rate	165 Hz	HDMI version	2.1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen™ 7	USB Power Delivery	✓
Processor model *	7735HS	Keyboard	
Processor cores	8	Pointing device	Touchpad
Processor boost frequency	4.75 GHz	Numeric keypad *	✓
Processor frequency *	3.2 GHz	Keyboard backlit	✓
Processor cache	16 MB	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		

Memory		Battery	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	90 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	240 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	12 A
SSD capacity	512 GB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Password protection	✓
Graphics		Weight & dimensions	
Discrete graphics card model *	AMD Radeon RX 7600S	Width	355 mm
Discrete graphics card memory	8 GB	Depth	252 mm
Discrete graphics memory type	GDDR6	Height (front)	2.21 cm
On-board graphics card *	✓	Height (rear)	2.68 cm
On-board GPU manufacturer	AMD	Weight *	2.2 kg
Discrete graphics card *	✓	Packaging data	
On-board graphics card model *	AMD Radeon 680M	Package width	103 mm
Audio		Package depth	426 mm
Audio system	Dolby Atmos	Package height	312 mm
Number of built-in speakers	2	Package weight	4.42 kg
Built-in microphone	✓	Logistics data	
		Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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