

ASUS TUF Gaming A16 Advantage Edition FA617XS-N4036W AMD Ryzen™ 9 7940HS Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD AMD Radeon RX 7600S Wi-Fi 6 (802.11ax) Windows 11 Home Black, Sand

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0EQ1-M002W0

Product name : FA617XS-N4036W



- Windows 11 Home 64-bit
 - AMD Ryzen 9 7940HS (16MB Cache, 4GHz)
 - 40.6 cm (16") WQXGA 2560 x 1600 IPS, AMD Radeon RX 7600S (8GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM & 1000GB SSD
- AMD Ryzen 9 7940HS (16MB Cache, 4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, AMD Radeon 780M, AMD Radeon RX 7600S (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A16 Advantage Edition FA617XS-N4036W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 7940HS, Processor frequency: 4 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Black, Sand

Design		Audio	
Colour name	Sandstorm	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black, Sand	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera HD type	HD
Introduction year	2023	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WQXGA	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.3
Anti-glare screen	✓	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) 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 2x2 ports quantity	1
Maximum refresh rate	240 Hz	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen™ 9	Combo headphone/mic port	✓
Processor model *	7940HS	Power adapter barrel connector	6.0 mm
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.2 GHz	USB Power Delivery	✓
Processor frequency *	4 GHz	Keyboard	
Processor cache	16 MB	Pointing device	Touchpad
Processor cache type	L3	Numeric keypad *	✓
Memory		Keyboard backlight	✓
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

Memory		Software	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
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	Power	
SSD capacity	1 TB	AC adapter power	240 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	12 A
Optical drive type *	✗	AC adapter output voltage	20 V
Graphics		Security	
Discrete GPU manufacturer	AMD	Cable lock slot	✓
Discrete graphics card model *	AMD Radeon RX 7600S	Cable lock slot type	Kensington
Discrete graphics card memory	8 GB	Sustainability	
Discrete graphics memory type	GDDR6	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✓	Width	355 mm
On-board graphics card model *	AMD Radeon 780M	Depth	252 mm
AMD FreeSync	✓	Height (front)	2.21 cm
Audio		Height (rear)	2.68 cm
Audio system	Dolby Atmos	Weight *	2.2 kg



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