ASUS TUF Gaming A16 Advantage Edition FA617NT-A16.R77700 laptop AMD Ryzen™ 7 7735HS 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD AMD Radeon RX 7700S Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: TUF Gaming

Product code: FA617NT-A16.R77700

Product name : FA617NT-A16.R77700

- Windows 11 Home 64-bit
- AMD Ryzen 7 7735HS (20MB Cache, 3.2GHz)
- 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon RX 7700S (8GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM & 512GB SSD

AMD Ryzen 7 7735HS (20MB Cache, 3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon 680M, AMD Radeon RX 7700S (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A16 Advantage Edition FA617NT-A16.R77700 laptop AMD Ryzen™ 7 7735HS 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD AMD Radeon RX 7700S Wi-Fi 6 (802.11ax) Windows 11 Home Black:

AMD Advantage™
Jump right into the action with the TUF Gaming A16 Advantage™ Edition. Stream and multitask with ease thanks to the latest AMD Ryzen™ 9 7940HS CPU and up to 32GB of blisteringly fast 4800MHz DDR5 RAM on Windows 11. Leverage the full gaming performance of up to a AMD Radeon™ RX 7700S GPU with AMD Smart Access Graphics. When your game library gets full, an empty M.2 NVMe SSD slot makes upgrading storage capacity a breeze.

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Native aspect ratio	16:10
Anti-glare screen	✔
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	165 Hz

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor model *	7735HS
Processor cores	8
Processor boost frequency	4.75 GHz
Processor frequency *	3.2 GHz
Processor cache	20 MB
Processor cache type	L2 & L3

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz

Camera	
Front camera	✔
Front camera HD type	HD

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB4 Gen 3x2 ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Memory	
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics	
Discrete GPU manufacturer	AMD
Discrete graphics card model *	AMD Radeon RX 7700S
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon 680M

Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Built-in microphone	✔

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh

Power	
AC adapter power	280 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	14 A
AC adapter output voltage	20 V
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security	
Cable lock slot	✔
Cable lock slot type	Kensington
Password protection	✔

Sustainability	
Sustainability certificates	ENERGY STAR

Weight & dimensions	
Width	355 mm
Depth	252 mm
Height (front)	2.21 cm
Height (rear)	2.68 cm
Weight *	2.2 kg

Packaging content	
AC adapter included *	✔

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