ASUS

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

Colour name	Off Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Country of origin	China

Display

Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✘
HD type	WUXGA
Panel type	IPS
LED backlight	✔
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	16 MB

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	SO-DIMM

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	✔
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	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Software

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

Battery

Battery technology	Lithium-Ion (Li-Ion)

Memory

Memory layout (slots x size)	2 x 8 GB
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 *	✘

Graphics

Discrete graphics card model *	AMD Radeon RX 7600S
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	AMD
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	✓

Battery

Number of battery cells	4
Battery capacity *	90 Wh

Power

AC adapter power	240 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	12 A
AC adapter output voltage	20 V

Security

Cable lock slot	✓
Cable lock slot type	Kensington

Weight & dimensions

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

Packaging data

Package width	103 mm
Package depth	426 mm
Package height	312 mm
Package weight	4.42 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

4711387038536

0197105038530

197105038530