ASUS

ASUS ROG Zephyrus G14 GA401QE-HZ085 AMD Ryzen™ 7 5800HS Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Grey

Brand : ASUS

Product family: ROG

Product code: 90NR05R3-M01260

Product name : GA401QE-HZ085

- No OS
- AMD Ryzen 7 5800HS (16MB Cache, 2.8GHz)
- 35.6 cm (14") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6)
- 8GB DDR4-SDRAM (1 x 8) & 512GB SSD

AMD Ryzen 7 5800HS (16MB Cache, 2.8GHz), 8GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS, AMD Radeon Graphics, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), WLAN, No OS ASUS ROG Zephyrus G14 GA401QE-HZ085. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 5800HS, Processor frequency: 2.8 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3050 Ti. Product colour: Grey

Design

Colour name	Eclipse Grey
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2021

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	300 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	144 Hz

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor generation	AMD Ryzen 5000 Series
Processor model *	5800HS
Processor cores	8
Processor boost frequency	4.4 GHz
Processor frequency *	2.8 GHz
Processor cache	16 MB

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory form factor	On-board

Graphics

Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon Graphics
NVIDIA G-SYNC	✔

Audio

Audio system	Dolby Atmos
Number of built-in speakers	4
Built-in microphone	✔

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	5.1

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
HDMI ports quantity *	1
HDMI version	2.0b
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔

Memory

Memory layout (slots x size)	1 x 8 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	24 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	NVMe, PCI Express 3.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔

Software

Operating system installed *	✘

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	76 Wh

Power

AC adapter power	100 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	5 A
AC adapter output voltage	20 V
DC-in jack	✔
USB Power Delivery (USB PD)	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Password protection	✔
Password protection type	BIOS, User

Weight & dimensions

Width	324 mm
Depth	222 mm
Height	17.9 mm
Weight *	1.6 kg

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