

ASUS ROG Zephyrus M GU502GV-AZ048T Intel® Core™ i7 i7-9750H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 2060 Wi-Fi 5 (802.11ac) Windows 10 Home Black

Brand : ASUS

Product family: ROG

Product code: 90NR02E2-M01060

Product name : GU502GV-AZ048T



- Windows 10 Home
 - Intel Core i7-9750H (12MB Cache, 2.6GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 2060 (6GB GDDR6)
 - 16GB (2666MHz) DDR4-SDRAM & 1000GB SSD
 Intel Core i7-9750H (12MB Cache, 2.6GHz), 16GB DDR4-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics 630, NVIDIA GeForce RTX 2060 (6GB GDDR6), LAN, WLAN, Bluetooth, Windows 10 Home
 ASUS ROG Zephyrus M GU502GV-AZ048T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-9750H, Processor frequency: 2.6 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Home. Product colour: Black



Design		Network	
Product type *	Laptop	Ethernet LAN data rates	10,100,1000 Mbit/s
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.0
Display		Ports & interfaces	
Display diagonal *	39.6 cm (15.6")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.0b
Dual-screen	✗	Headphone outputs	1
Display response rise/fall	3 ms	Microphone in	✓
sRGB coverage (typical)	100%		
Processor		Performance	
Processor manufacturer *	Intel	Virtual Reality (VR) ready	✓
Processor family *	Intel® Core™ i7	Repairability index	6.8
Processor generation	9th gen Intel® Core™ i7		
Processor model *	i7-9750H	Keyboard	
Processor cores	6	Pointing device	Touchpad
Processor threads	12	Numeric keypad *	✗
Processor boost frequency	4.5 GHz	Windows keys	✓
Processor frequency *	2.6 GHz		
System bus rate	8 GT/s	Software	
Processor cache	12 MB	Operating system installed *	Windows 10 Home
Processor cache type	Smart Cache		
Processor socket	BGA 1440	Processor special features	
Processor lithography	14 nm	Intel® My WiFi Technology (Intel® MWT)	✓
Processor operating modes	64-bit		

Processor		Processor special features	
Processor codename	Coffee Lake	Intel® Identity Protection Technology (Intel® IPT)	✓
Thermal Design Power (TDP)	45 W	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Configurable TDP-down	35 W	Intel® Turbo Boost Technology	2.0
Tjunction	100 °C	Enhanced Intel SpeedStep Technology	✓
Maximum number of PCI Express lanes	16	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0	Intel Clear Video Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® InTru™ 3D Technology	✓
Memory		Intel® Quick Sync Video Technology	✓
Internal memory *	16 GB	Intel Flex Memory Access	✓
Internal memory type	DDR4-SDRAM	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory clock speed	2666 MHz	Intel Trusted Execution Technology	✗
Maximum internal memory *	32 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage		Intel® Secure Key	✓
Total storage capacity *	1 TB	Intel TSX-NI	✗
Storage media *	SSD	Intel Stable Image Platform Program (SIPP)	✗
Total SSDs capacity	1 TB	Intel® OS Guard	✓
Number of SSDs installed	1	Intel Software Guard Extensions (Intel SGX)	✓
SSD capacity	1 TB	Intel 64	✓
SSD interface	M.2	Execute Disable Bit	✓
Optical drive type *	✗	Idle States	✓
Graphics		Thermal Monitoring Technologies	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 2060	Processor package size	42 x 28 mm
Discrete graphics card memory	6 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Discrete graphics memory type	GDDR6	CPU configuration (max)	1
On-board graphics card *	✓	Embedded options available	✗
Discrete graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card family	Intel® UHD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® UHD Graphics 630	Processor ARK ID	191045
On-board graphics card base frequency	350 MHz	Power	
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter power	230 W
Maximum on-board graphics card memory	64 GB	Security	
On-board graphics card DirectX version	12.0	Cable lock slot	✓
On-board graphics card OpenGL version	4.5	Cable lock slot type	Kensington
On-board graphics card ID	0x3E9B	Weight & dimensions	
Audio		Width	360 mm
Number of built-in speakers	2	Depth	252 mm
Network		Height	18.9 mm
Wi-Fi	✓	Weight *	1.9 kg
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Antenna type	2x2		
Ethernet LAN	✓		



4718017391573

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.