

**ASUS ROG Strix G18 G814JVR-IS96 Intel® Core™ i9 i9-14900HX
Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD
NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home
Black, Grey**



Brand : ASUS

Product family: ROG

Product code: 90NR0IF6-M000F0

Product name : G814JVR-IS96

- Windows 11 Home 64-bit
- Intel Core i9-14900HX (36MB Cache)
- 45.7 cm (18") 2.5K 2560 x 1600, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") 2.5K 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
ASUS ROG Strix G18 G814JVR-IS96. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black, Grey



Design		Graphics	
Colour name	Eclipse Gray	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Black, Grey	NVIDIA G-SYNC	✓
Form factor *	Clamshell	Audio	
Market positioning	Gaming	Audio system	Smart Amp
Introduction year	2024	Number of built-in speakers	2
Display		Built-in microphone	✓
Display diagonal *	45.7 cm (18")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution	1280 x 720 pixels
HD type	WQXGA	Front camera HD type	HD
LED backlight	✓	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
High Dynamic Range (HDR) supported	✓	Ethernet LAN	✓
High Dynamic Range (HDR) technology	Dolby Vision	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i9	Ports & interfaces	
Processor generation	Intel® Core™ i9 (14th gen)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	i9-14900HX	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	24	Ethernet LAN (RJ-45) ports	1
Processor threads	32	HDMI ports quantity *	1
Processor boost frequency	5.8 GHz	HDMI version	2.1
Performance cores	8	Thunderbolt 4 ports quantity	1
Efficient cores	16	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	5.8 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.1 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2.2 GHz	Power adapter barrel connector	6.0 mm
Efficient-core base frequency	1.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	36 MB	Performance	
Processor cache type	Smart Cache	Motherboard chipset	Intel HM770 Express
Processor base power	55 W	Repairability index	8.6
Maximum turbo power	157 W	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	32 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	5600 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	Per-key RGB
Memory layout (slots x size)	2 x 16 GB	Software	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Memory channels	Dual-channel	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	280 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	14 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	DC-in jack	✓
Card reader integrated	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR6	Sustainability	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	399 mm
		Depth	294 mm
		Height (front)	2.31 cm
		Height (rear)	3.08 cm
		Weight *	3 kg

Catalog Object Cloud



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