

Laptops

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ASUS ROG Strix G16 G614JI-N4183X

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Full specifications

Reference 90NR0D41-M009Z0	Release date 01-2023, 7 months ago		
<p>Design</p>			
Product type Notebook	Product color Black,Grey	Form factor Clamshell	Color name Eclipse Grey
Market positioning Gaming	Año de introducción 2023		
<p>Display</p>			
Display diagonal 16" (40,6 cm)	Display resolution 2560 x 1600 pixels	Touchscreen No	HD type WQXGA
Panel type IPS	Native aspect ratio 16:10	Anti-glare screen Yes	RGB color space DCI-P3
Color gamut 100 %	Maximum refresh rate 240 Hz		
<p>Processor</p>			
Processor family Intel® Core™ i7	Processor manufacturer Intel	Processor model i7-13650HX	Generación del procesador Intel Core i7-13xxx
Processor boost frequency 4,9 GHz	Processor cores 14	Processor cache 24 MB	Bus type DMI4
Configurable TDP-down 45 W			
<p>Memory</p>			
Internal memory 16 GB	Maximum internal memory 32 GB	Internal memory type DDR5-SDRAM	Memory clock speed 4800 MHz
Memory form factor SO-DIMM	Memory layout (slots x size) 2 x 8 GB	Memory slots 2x SO-DIMM	
<p>Storage</p>			
Total storage capacity 1000 GB	Storage media SSD	Optical drive type No	Total SSDs capacity 1000 GB
Number of SSDs installed 1	SSD capacity 1000 GB	SSD interface PCI Express 4.0	NVMe Yes
SSD form factor M.2	Card reader integrated No		
<p>Graphics</p>			
On-board graphics card Yes	Discrete graphics card Yes	Discrete graphics card model NVIDIA GeForce RTX 4070	On-board graphics card model Intel® UHD Graphics
Discrete GPU manufacturer NVIDIA	Discrete graphics card memory 8 GB	Discrete graphics memory type GDDR6	
<p>Audio</p>			
Audio system Dolby Atmos	Number of built-in speakers 2	Built-in microphone Yes	
<p>Camera</p>			
Front camera Yes	Front camera HD type HD		
<p>Network</p>			
Mobile network connection No	Top Wi-Fi standard Wi-Fi 6 (802.11ax)	Wi-Fi standards Wi-Fi 6 (802.11ax)	Antenna type 2x2
Ethernet LAN	Ethernet LAN data rates	Bluetooth	Bluetooth version

Laptops

Ports & interfaces

📄 Laptop processor ranking

📄 HDMI ports quantity

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HDMI version
2.1

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity
2

Número de puertos Thunderbolt 4
1

Charging port type
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USB Type-C DisplayPort Alternate Mode
Yes

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity
1

Intel® Thunderbolt 4
Yes

USB Power Delivery
Yes

Ethernet LAN (RJ-45) ports
1

Combo headphone/mic port
Yes

Keyboard

Numeric keypad
No

Pointing device
Touchpad

Keyboard backlit
Yes

Keyboard backlit color
RGB

Zona retroiluminada del teclado
4-zone RGB

Software

Operating system installed
Windows 11 Pro

Operating system architecture
64-bit

Processor special features

Intel Flex Memory Access
Yes

Intel VT-x with Extended Page Tables (EPT)
Yes

CPU configuration (max)
1

Embedded options available
No

Intel Virtualization Technology for Directed I/O (VT-d)
Yes

Intel Virtualization Technology (VT-x)
Yes

Battery

Battery capacity
90 Wh

Battery technology
Lithium-Ion (Li-Ion)

Number of battery cells
4

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

Security

Trusted Platform Module (TPM)
Yes

Password protection
Yes

Password protection type
BIOS, User

Weight & dimensions

Weight
5.5 lbs (2,5 kg)

Width
13.9 " (354 mm)

Depth
10.4 " (264 mm)

Height (front)
0.9 " (2,26 cm)

Height (rear)
1.2 " (3,04 cm)

Technical details

Repairability index
8.6



Laptop comparison

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