



**DELL G16 7630 Intel® Core™ i9 i9-13900HX Laptop 40,6 cm (16")  
Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX  
4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black**

**Brand :** DELL

**Product family:** G16

**Article code:**  
GALIO16\_RPLH\_2401\_022\_SPP\_HOM

**Product name :** 7630

DELL G16 7630. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900HX. Display diagonal: 40,6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 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 4070. Operating system installed: Windows 11 Home. Product color: Black



Design		Audio	
Color name	Nightshade	Built-in microphone	✓
Product type *	Laptop	Number of microphones	2
Product color *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium, Plastic	Front camera resolution (numeric)	0,92 MP
Market positioning	Gaming	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	40,6 cm (16")	Video capturing speed	30 fps
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
HD type	Quad HD+	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Panel type	WVA	Mobile network connection *	✗
LED backlight	✓	Wi-Fi data rate (max)	2400 Mbit/s
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 6 AX201
Display brightness	300 cd/m²	WLAN controller manufacturer	Intel
Pixel density	188,7 ppi	Ethernet LAN	✓
RGB color space	DCI-P3	Ethernet LAN data rates	10,100,1000 Mbit/s
Color gamut	100%	Bluetooth	✓
Maximum refresh rate	240 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel® Core™ i9	HDMI version	2.1
Processor generation	13th gen Intel® Core™ i9	Combo headphone/mic port	✓
Processor model *	i9-13900HX	Power adapter barrel connector	7.4 mm
Processor cores	24		
Processor boost frequency	5,4 GHz		

Processor		Keyboard	
Performance cores	8	Pointing device	Touchpad
Efficient cores	16	Numeric keypad *	✓
Performance-core Max Turbo Frequency	5,4 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3,9 GHz	Software	
Processor cache	36 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Trial software	McAfee 15 Months,Microsoft Office Trial
Processor base power	55 W	Operating system installed *	Windows 11 Home
Maximum turbo power	157 W	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Number of battery cells	6
Internal memory type	DDR5-SDRAM	Battery capacity *	86 Wh
Memory clock speed	4800 MHz	Battery voltage	11,4 V
Memory form factor	SO-DIMM	Battery recharge time	3 h
Memory layout (slots x size)	2 x 8 GB	Fast charging	✓
Memory slots	2x SO-DIMM	Battery charge indicator	✓
Maximum internal memory *	32 GB	Battery weight	340 g
Memory channels	Dual-channel	Power	
Storage		AC adapter power	330 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	AC adapter output voltage	19.5 V
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Password protection	✓
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✗	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete GPU manufacturer	NVIDIA	Operating altitude	-15,2 - 3048 m
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Non-operating altitude	-15,2 - 10668 m
Discrete graphics card memory	8 GB	Operating shock	110 G
Discrete graphics memory type	GDDR6	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0,66 G
Discrete graphics card *	✓	Non-operating vibration	1,3 G
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	357 mm
Audio		Depth	288,7 mm
Audio chip	Realtek ALC3204	Height (front)	2,02 cm
Audio system	Dolby Audio	Height (rear)	2,49 cm
Number of built-in speakers	2	Weight *	2,87 kg
Speaker power	2 W	Packaging content	
		Cables included	AC

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