



DELL G16 7630 Intel® Core™ i9 i9-13900HX Laptop 40,6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : DELL

Product family: G16

Product code:
GALIO16_RPLH_2401_018_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: 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



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product colour *	Black	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Housing material	Aluminium, Plastic	Wi-Fi data rate (max)	2400 Mbit/s
Market positioning	Gaming	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 6 AX201
Display diagonal *	40,6 cm (16")	WLAN controller manufacturer	Intel
Display resolution *	2560 x 1600 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Quad HD+	Bluetooth	✓
Panel type	WVA	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
Pixel density	188,7 ppi	Combo headphone/mic port	✓
RGB colour space	DCI-P3	Power adapter barrel connector	7.4 mm
Colour gamut	100%	Performance	
Maximum refresh rate	240 Hz	Motherboard chipset	Intel HM770
Contrast ratio (typical)	1000:1	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel® Core™ i9	Keyboard backlight	✓
Processor generation	13th gen Intel® Core™ i9	Keyboard backlight colour	RGB
Processor model *	i9-13900HX	Software	
Processor cores	24		
Performance-core Max Turbo Frequency	5,4 GHz		

Processor		Software	
Efficient-core boost frequency	3,9 GHz	Operating system architecture	64-bit
Processor cache	36 MB	Operating system language	Multilingual
Processor cache type	Smart Cache	Trial software	McAfee 12 Months Business Security,Microsoft Office Trial
Bus type	DMI4	Operating system installed *	Windows 11 Home
Configurable TDP-down	45 W		
Memory		Processor special features	
Internal memory *	32 GB	Intel Flex Memory Access	✓
Internal memory type	DDR5-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	4800 MHz	CPU configuration (max)	1
Memory form factor	SO-DIMM	Embedded options available	✗
Memory layout (slots x size)	2 x 16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	32 GB		
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	6
Total SSDs capacity	1 TB	Battery voltage	11,4 V
Number of SSDs installed	1	Battery recharge time	3 h
SSD capacity	1 TB	Fast charging	✓
SSD interface	PCI Express 4.0	Battery charge indicator	✓
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✗		
Graphics		Power	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	AC adapter power	330 W
Discrete graphics card memory	8 GB	AC adapter frequency	50 - 60 Hz
Discrete graphics memory type	GDDR6	AC adapter input voltage	100 - 240 V
On-board graphics card *	✓	AC adapter output current	4,4 A
Discrete graphics card *	✓	AC adapter output voltage	19.5 V
On-board graphics card model *	Intel® UHD Graphics	DC-in jack	✓
Audio		Security	
Audio chip	Realtek ALC3204	Password protection	✓
Audio system	Dolby Audio		
Number of built-in speakers	2		
Speaker power	2 W		
Built-in microphone	✓		
Number of microphones	2		
Camera		Operational conditions	
Front camera	✓	Operating temperature (T-T)	0 - 35 °C
Front camera resolution (numeric)	0,92 MP	Storage temperature (T-T)	-40 - 65 °C
Front camera resolution	1280 x 720 pixels	Operating relative humidity (H-H)	10 - 90%
Front camera HD type	HD	Storage relative humidity (H-H)	0 - 95%
Video capturing speed	30 fps	Operating altitude	-15,2 - 3048 m
		Non-operating altitude	-15,2 - 10668 m
		Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0,66 G
		Non-operating vibration	1,3 G
		Weight & dimensions	
		Width	357 mm
		Depth	288,7 mm
		Height (front)	2,02 cm
		Height (rear)	2,49 cm
		Weight *	2,87 kg
		Packaging content	
		Cables included	AC

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