



## DELL G3 3590 Intel® Core™ i7 i7-9750H Laptop računari 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1,13 TB Hibridni - HDD i SSD NVIDIA GeForce GTX 1660 Ti Max-Q Windows 10 Home Crno, Plavo

Brand : DELL

Product family: G3

Product code: G3-3590-A30P

Product name : 3590

DELL G3 3590. Tip proizvoda: Laptop računari, Standard veličine: Preklopnik. Porodica procesora: Intel® Core™ i7, Procesor: i7-9750H, Takt procesora: 2,6 GHz. Dijagonala monitora: 39,6 cm (15.6"), Tip visoke definicije (HD): Full HD, Rezolucije ekrana: 1920 x 1080 piksela. Interna memorija: 8 GB, Vrsta interne memorije: DDR4-SDRAM. Ukupni prostor za podatke: 1,13 TB, Medijum za skladištenje: Hibridni - HDD i SSD. Model instalirane grafičke kartice: Intel® UHD Graphics 630. Instalirani operativni sistem: Windows 10 Home. Boja proizvoda: Crno, Plavo



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Product colour *	Black, Blue	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Gaming	HDMI version	2.0
Display		Combo headphone/mic port	✓
Display diagonal *	39.6 cm (15.6")	USB Type-C DisplayPort Alternate Mode	✓
Display resolution *	1920 x 1080 pixels	Performance	
Touchscreen *	✗	Motherboard chipset	Intel® HM370
HD type	Full HD	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:9	Numeric keypad *	✓
Pixel density	141 ppi	Spill-resistant keyboard	✓
Processor		Full-size keyboard	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i7	Operating system architecture	64-bit
Processor generation	9th gen Intel® Core™ i7	Operating system installed *	Windows 10 Home
Processor model *	i7-9750H	Processor special features	
Processor cores	6	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	12	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	4.5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	2.6 GHz	Intel® Turbo Boost Technology	2.0
System bus rate	8 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	12 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1440		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Coffee Lake		

Processor		Processor special features	
Thermal Design Power (TDP)	45 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Configurable TDP-down	35 W	Intel Clear Video Technology	✓
Tjunction	100 °C	Intel® InTru™ 3D Technology	✓
Maximum number of PCI Express lanes	16	Intel® Quick Sync Video Technology	✓
PCI Express slots version	3.0	Intel Flex Memory Access	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR4-SDRAM	Intel® Secure Key	✓
Memory clock speed	2666 MHz	Intel TSX-NI	✗
Memory form factor	SO-DIMM	Intel Stable Image Platform Program (SIPP)	✗
Memory slots	2x SO-DIMM	Intel® OS Guard	✓
Maximum internal memory *	32 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel 64	✓
Total storage capacity *	1.13 TB	Execute Disable Bit	✓
Storage media *	Hybrid-HDD+SSD	Idle States	✓
Hybrid-HDD capacity	1 TB	Thermal Monitoring Technologies	✓
HDD size	2.5"	Processor package size	42 x 28 mm
Total SSDs capacity	128 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	128 GB	Embedded options available	✗
Optical drive type *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	SD, SDHC, SDXC	Processor ARK ID	191045
Graphics		Battery	
Discrete graphics card model *	NVIDIA GeForce GTX 1660 Ti Max-Q	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card memory	6 GB	Number of battery cells	3
Discrete graphics memory type	GDDR6	Battery capacity *	51 Wh
On-board graphics card *	✓	Battery voltage	11.4 V
Discrete graphics card *	✓	Battery recharge time	3 h
On-board graphics card model *	Intel® UHD Graphics 630	Battery weight	230 g
On-board graphics card base frequency	350 MHz	Power	
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter frequency	50/60 Hz
Maximum on-board graphics card memory	64 GB	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	12.0	AC adapter output voltage	19.5 V
On-board graphics card OpenGL version	4.5	DC-in jack	✓
On-board graphics card ID	0x3E9B	Security	
NVIDIA Max-Q	✓	Cable lock slot	✓
NVIDIA GameWorks VR	✓	Password protection	✓
CUDA	✓	Operational conditions	
CUDA cores	1536	Operating temperature (T-T)	0 - 35 °C
Audio		Storage temperature (T-T)	-40 - 65 °C
Audio chip	Realtek ALC3254	Operating relative humidity (H-H)	10 - 90%
Audio system	Nahimic 3D	Storage relative humidity (H-H)	0 - 95%
Number of built-in speakers	2	Operating altitude	-15.2 - 3048 m
Speaker power	2 W	Non-operating altitude	-15.2 - 10668 m
Built-in microphone	✓	Operating shock	110 G
Camera		Non-operating shock	160 G
Front camera	✓	Operating vibration	0.66 G
Front camera resolution (numeric)	0.92 MP	Non-operating vibration	1.3 G
Front camera resolution	1280 x 720 pixels		
Front camera HD type	HD		

Camera		Sustainability	
Video capturing speed	30 fps	Sustainability certificates	ENERGY STAR
Network		Weight & dimensions	
Mobile network connection *	✗	Width	365.5 mm
Ethernet LAN	✓	Depth	254 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (front)	2.16 cm
Bluetooth	✓	Height (rear)	2.32 cm
Ports & interfaces		Weight *	2.34 kg
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		

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.

Publication date: 30-APR-2025. Prints or copies of Information are only valid on the printed Publication date