



DELL G3 3590 Intel® Core™ i7 i7-9750H Komputer buku 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1,26 TB HDD+SSD NVIDIA® GeForce® GTX 1660 Ti Wi-Fi 5 (802.11ac) Windows 10 Home Hitam, Putih

Brand : DELL

Product family: G3

Product code: 3590-G3-E0001-BLKW

Product name : 3590

DELL G3 3590. Jenis produk: Komputer buku, Faktor bentuk: Cangkering. Keluarga pemproses: Intel® Core™ i7, Model pemproses: i7-9750H, Frekuensi pemproses: 2,6 GHz. Pepenjuru paparan: 39,6 cm (15.6"), Jenis HD: Full HD, Resolusi paparan: 1920 x 1080 piksel. Memori dalaman: 16 GB, Jenis memori dalaman: DDR4-SDRAM. Kapasiti keseluruhan storan: 1,26 TB, Media simpanan: HDD+SSD. Model penyesuai grafik papan ibu: Intel® UHD Graphics 630. Sistem operasi yang dipasang: Windows 10 Home. Product color: Hitam, Putih



Design		Ports & interfaces	
Product type *	Laptop	USB 2.0 ports quantity *	2
Product colour *	Black, White	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Form factor *	Clamshell	Ethernet LAN (RJ-45) ports	1
Market positioning	Gaming	HDMI ports quantity *	1
Display		HDMI version	2.0
Display diagonal *	39.6 cm (15.6")	Combo headphone/mic port	✓
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 *	16 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 *	1.26 TB	Execute Disable Bit	✓
Storage media *	HDD+SSD	Idle States	✓
Total HDDs capacity	1 TB	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	42 x 28 mm
HDD capacity	1 TB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Total SSDs capacity	256 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Processor ARK ID	191045
Compatible memory cards	SD, SDHC, SDXC	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA® GeForce® GTX 1660 Ti	Number of battery cells	3
Discrete graphics card memory	6 GB	Battery capacity *	51 Wh
Discrete graphics memory type	GDDR6	Battery voltage	11.4 V
On-board graphics card *	✓	Battery recharge time	3 h
On-board GPU manufacturer	Intel	Battery weight	230 g
Discrete graphics card *	✓	Power	
On-board graphics card model *	Intel® UHD Graphics 630	AC adapter frequency	50/60 Hz
On-board graphics card base frequency	350 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter output voltage	19.5 V
Maximum on-board graphics card memory	64 GB	DC-in jack	✓
On-board graphics card DirectX version	12.0	Security	
On-board graphics card OpenGL version	4.5	Cable lock slot	✓
On-board graphics card ID	0x3E9B	Password protection	✓
Audio		Operational conditions	
Audio chip	Realtek ALC3254	Operating temperature (T-T)	0 - 35 °C
Audio system	Nahimic 3D	Storage temperature (T-T)	-40 - 65 °C
Number of built-in speakers	2	Operating relative humidity (H-H)	10 - 90%
Speaker power	2 W	Storage relative humidity (H-H)	0 - 95%
Built-in microphone	✓	Operating altitude	-15.2 - 3048 m
Camera		Non-operating altitude	-15.2 - 10668 m
Front camera	✓	Operating shock	110 G
Front camera resolution (numeric)	0.92 MP	Non-operating shock	160 G
Front camera resolution	1280 x 720 pixels	Operating vibration	0.66 G
Front camera HD type	HD	Non-operating vibration	1.3 G
Video capturing speed	30 fps		

Network		Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Width	365.5 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Depth	254 mm
Mobile network connection *	✗	Height (front)	2.16 cm
Ethernet LAN	✓	Height (rear)	2.32 cm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	2.34 kg
Bluetooth	✓		

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