



DELL Latitude 9510 Intel® Core™ i5 i5-10310U Ultraportable 38,1 cm (15") Full HD 8 GB LPDDR3-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Black, Grey

Brand : DELL

Product family: Latitude

Article code: FMHG2

Product name : 9510



DELL Latitude 9510. Product type: Ultraportable, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-10310U, Processor frequency: 1,7 GHz. Display diagonal: 38,1 cm (15"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: LPDDR3-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Pro. Product color: Black, Grey

Design		Ports & interfaces	
Product type *	Ultraportable	Thunderbolt 3 ports quantity	2
Product colour *	Black, Grey	Combo headphone/mic port	✓
Form factor *	Clamshell	Charging port type	USB Type-C
Market positioning	Business	SmartCard slot	✓
Intel® vPro™ Platform Eligibility	✓	USB Type-C DisplayPort Alternate Mode	✓
Display		PowerShare	✓
Display diagonal *	38.1 cm (15")	Number of USB ports with PowerShare support	1
Display resolution *	1920 x 1080 pixels	Performance	
Touchscreen *	✗	Repairability index	6.9
HD type	Full HD	Keyboard	
Native aspect ratio	16:9	Pointing device	Touchpad
Display brightness	400 cd/m ²	Numeric keypad *	✗
Pixel pitch	0.17 x 0.17 mm	Keyboard backlit	✓
Pixel density	147 ppi	Software	
Display response rise/fall	35 ms	Operating system architecture	64-bit
Maximum refresh rate	60 Hz	Operating system language	Multilingual
Processor		Trial software	Microsoft Office
Processor manufacturer *	Intel	Operating system installed *	Windows 10 Pro
Processor family *	Intel® Core™ i5	Processor special features	
Processor generation	10th gen Intel® Core™ i5	Intel® Evo™ Platform Verified	✗
Processor model *	i5-10310U	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cores	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	8		
Processor boost frequency	4.4 GHz		
Processor frequency *	1.7 GHz		
System bus rate	4 GT/s		
Processor cache	6 MB		
Processor cache type	Smart Cache		

Processor		Processor special features	
Processor socket	BGA 1528	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor lithography	14 nm	Intel® Turbo Boost Technology	2.0
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor codename	Comet Lake	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Thermal Design Power (TDP)	15 W	Intel Clear Video Technology	✓
Configurable TDP-up frequency	2.2 GHz	Intel® Quick Sync Video Technology	✓
Configurable TDP-up	25 W	Intel Flex Memory Access	✓
Configurable TDP-down	10 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down frequency	0.8 GHz	Intel Trusted Execution Technology	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✓
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	8 GB	Intel 64	✓
Internal memory type	LPDDR3-SDRAM	Idle States	✓
Memory clock speed	2133 MHz	Thermal Monitoring Technologies	✓
Memory form factor	On-board	Processor package size	46 x 24 mm
Maximum internal memory *	8 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage		CPU configuration (max)	1
Total storage capacity *	256 GB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	256 GB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Processor ARK ID	201892
SSD capacity	256 GB	Battery	
SSD interface	PCI Express	Number of battery cells	4
SSD form factor	M.2	Battery capacity *	52 Wh
Optical drive type *	✗	Battery voltage	7.6 V
Card reader integrated	✓	Battery weight	255 g
Compatible memory cards	MicroSD (TransFlash)	Power	
Graphics		AC adapter power	65 W
Discrete graphics card model *	Not available	AC adapter frequency	50/60 Hz
On-board graphics card *	✓	AC adapter input voltage	100 - 240 V
On-board GPU manufacturer	Intel	AC adapter output current	3.25 A
Discrete graphics card *	✗	AC adapter output voltage	20 V
On-board graphics card model *	Intel® UHD Graphics	USB Power Delivery (USB PD) *	✓
On-board graphics card base frequency	300 MHz	Security	
On-board graphics card dynamic frequency (max)	1150 MHz	Cable lock slot	✓
Maximum on-board graphics card memory	32 GB	Fingerprint reader	✓
Number of execution units	24	Smart card reader	✓
On-board graphics card DirectX version	12.0	Password protection	✓
On-board graphics card OpenGL version	4.5	Operational conditions	
On-board graphics card ID	0x9B41,0x9BCC	Operating temperature (T-T)	0 - 35 °C
Audio		Storage temperature (T-T)	-40 - 65 °C
Audio chip	Realtek ALC711-CG	Operating relative humidity (H-H)	10 - 90%
Audio system	MaxxAudio Pro	Storage relative humidity (H-H)	0 - 95%
Number of built-in speakers	2	Operating altitude	-15.2 - 3048 m
Speaker power	4 W	Non-operating altitude	-15.2 - 10668 m
Built-in microphone	✓	Operating shock	110 G
Camera		Non-operating shock	160 G
Front camera	✓		
Front camera resolution (numeric)	0.9 MP		
Front camera resolution	1280 x 720 pixels		

Camera		Operational conditions	
Video capturing speed	30 fps	Operating vibration	0.66 G
Network		Non-operating vibration	1.3 G
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Width	340.2 mm
Mobile network connection *	✗	Depth	215.8 mm
Antenna type	2x2	Height (front)	8.23 mm
WLAN controller model	Intel Wi-Fi 6 AX201	Height (rear)	1.4 cm
Ethernet LAN	✗	Weight *	1.4 kg
Bluetooth	✓	Packaging data	
Bluetooth version	5.1	Package width	391 mm
Ports & interfaces		Package depth	81 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Package height	355 mm
HDMI ports quantity *	1	Package weight	2.57 kg
HDMI version	2.0		



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Publication date: 07-DEC-2024. Prints or copies of Information are only valid on the printed Publication date