



DELL Latitude 5510 Intel® Core™ i5 i5-10310U Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Grey

Brand : DELL

Product family: Latitude

Article code: NTNN1

Product name : 5510

DELL Latitude 5510. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-10310U, Processor frequency: 1,7 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Pro. Product color: Grey



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Product colour *	Grey	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Intel® vPro™ Platform Eligibility	✓	HDMI version	1.4b
Display		Combo headphone/mic port	✓
Display diagonal *	39.6 cm (15.6")	USB Type-C DisplayPort Alternate Mode	✓
Display resolution *	1920 x 1080 pixels	PowerShare	✓
Touchscreen *	✗	Number of USB ports with PowerShare support	1
HD type	Full HD	Performance	
Panel type	WVA	Repairability index	8.9
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Numeric keypad *	✓
Pixel density	141 ppi	Keyboard backlit	✓
Maximum refresh rate	60 Hz	Software	
Contrast ratio (typical)	700:1	Operating system architecture	64-bit
Processor		Operating system language	Multilingual
Processor manufacturer *	Intel	Trial software	Microsoft Office
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 10 Pro
Processor generation	10th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-10310U	Intel® Evo™ Platform Verified	✗
Processor cores	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
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 socket	BGA 1528		

Processor		Processor special features	
Processor lithography	14 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor operating modes	64-bit	Intel® Turbo Boost Technology	2.0
Processor codename	Comet Lake	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	15 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Configurable TDP-up frequency	2.2 GHz	Intel Clear Video Technology	✓
Configurable TDP-up	25 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-down	10 W	Intel Flex Memory Access	✓
Configurable TDP-down frequency	0.8 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Tjunction	100 °C	Intel Trusted Execution Technology	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Intel Stable Image Platform Program (SIPP)	✓
Memory		Intel® OS Guard	✓
Internal memory *	16 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 16 GB	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	46 x 24 mm
Maximum internal memory *	32 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage		CPU configuration (max)	1
Total storage capacity *	512 GB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Processor ARK ID	201892
SSD capacity	512 GB	Battery	
SSD interface	PCI Express	Number of battery cells	4
SSD form factor	M.2	Battery capacity *	51 Wh
Optical drive type *	✗	Battery voltage	11.4 V
Card reader integrated	✓	Battery life (max)	4 h
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Battery weight	250 g
Graphics		Power	
Discrete graphics card model *	Not available	AC adapter power	65 W
On-board graphics card *	✓	AC adapter frequency	50 - 60 Hz
On-board GPU manufacturer	Intel	AC adapter input voltage	100 - 240 V
Discrete graphics card *	✗	AC adapter output voltage	19.5 V
On-board graphics card model *	Intel® UHD Graphics	Security	
On-board graphics card base frequency	300 MHz	Cable lock slot	✓
On-board graphics card dynamic frequency (max)	1150 MHz	Smart card reader	✓
Maximum on-board graphics card memory	32 GB	Password protection	✓
Number of execution units	24	Operational conditions	
On-board graphics card DirectX version	12.0	Operating temperature (T-T)	0 - 35 °C
On-board graphics card OpenGL version	4.5	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card ID	0x9B41,0x9BCC	Operating relative humidity (H-H)	10 - 80%
Audio		Storage relative humidity (H-H)	0 - 95%
Audio chip	Realtek ALC3204	Operating altitude	-15.2 - 3048 m
Audio system	MaxxAudio Pro	Non-operating altitude	-15.2 - 10668 m
Number of built-in speakers	2	Operating shock	105 G
Speakers manufacturer	Waves	Non-operating shock	40 G
Speaker power	2 W	Operating vibration	0.26 G
Built-in microphone	✓	Non-operating vibration	1.37 G
Number of microphones	2		

Camera		Weight & dimensions	
Front camera	✓	Width	359.1 mm
Front camera resolution (numeric)	2 MP	Depth	236.2 mm
Front camera resolution	1280 x 720 pixels	Height (front)	2.1 cm
Front camera HD type	HD	Height (rear)	2.24 cm
Video capturing speed	30 fps	Weight *	1.82 kg
Network		Packaging data	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package width	494 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Package depth	82 mm
		Package height	315 mm
		Package weight	3.09 kg
Mobile network connection *	✗	Packaging content	
Antenna type	2x2	Cables included	AC
WLAN controller model	Intel Wi-Fi 6 AX201		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		



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