



**DELL Precision 5510 Intel® Core™ i5 i5-6300HQ Mobile workstation 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD NVIDIA® Quadro® M1000M Windows 7 Professional Black, Silver**



**Brand :** DELL

**Product family:** Precision

**Article code:** 5510-4360

**Product name :** 5510

DELL Precision 5510. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6300HQ, Processor frequency: 2,3 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 530. Operating system installed: Windows 7 Professional. Product color: Black, Silver

Design		Keyboard	
Product type *	Mobile workstation	Keyboard backlit	✓
Product color *	Black, Silver	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	39,6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Drivers included	✓
Touchscreen *	✗	Operating system installed *	Windows 7 Professional
HD type	Full HD	Processor special features	
Panel type	IPS	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Display surface	Matt	Intel® Identity Protection Technology (Intel® IPT)	✓
Dual-screen	✗	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor		Intel® Turbo Boost Technology	2.0
Processor manufacturer *	Intel	Intel® Small Business Advantage (Intel® SBA)	✓
Processor family *	Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor generation	6th gen Intel® Core™ i5	Thunderbolt™ 3 Technology	✓
Processor model *	i5-6300HQ	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	4	Intel Clear Video Technology	✓
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3,2 GHz	Intel® Insider™	✓
Processor frequency *	2,3 GHz		
System bus rate	8 GT/s		
Processor cache	6 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1440		
Processor lithography	14 nm		
Processor operating modes	64-bit		

Processor		Processor special features	
Processor series	Intel® Core™ i5-6300 Mobile Series	Intel® Quick Sync Video Technology	✓
Processor codename	Skylake	Intel Flex Memory Access	✓
Bus type	DMI3	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	R0	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	45 W	Intel Enhanced Halt State	✓
Configurable TDP-down	35 W	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel® Secure Key	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✓
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® OS Guard	✓
ECC supported by processor	✗	Intel Software Guard Extensions (Intel SGX)	✓
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory *	8 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory clock speed	2133 MHz	Idle States	✓
Memory form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	42 x 28 mm
Maximum internal memory *	32 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage		Processor code	SR2FP
Total storage capacity *	256 GB	CPU configuration (max)	1
Storage media *	SSD	Embedded options available	✗
Number of SSDs installed	1	Graphics & IMC lithography	14 nm
SSD capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Identity Protection Technology version	1,00
Card reader integrated	✓	Intel Smart Response Technology version	1,00
Compatible memory cards	SD, SDHC, SDXC	Intel Stable Image Platform Program (SIPP) version	0,00
Graphics		Intel Secure Key Technology version	1,00
Discrete graphics card model *	NVIDIA® Quadro® M1000M	Intel Small Business Advantage (SBA) version	1,00
Discrete graphics card memory	2 GB	Intel TSX-NI version	1,00
Discrete graphics memory type	GDDR5	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	88959
Discrete graphics card *	✓	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 530	Battery technology	Lithium Polymer (LiPo)
On-board graphics card base frequency	350 MHz	Number of battery cells	3
On-board graphics card dynamic frequency (max)	950 MHz	Battery capacity *	56 Wh
Maximum on-board graphics card memory	1,7 GB	Power	
On-board graphics card DirectX version	12.0	AC adapter power	130 W
On-board graphics card OpenGL version	4.4	AC adapter frequency	50 - 60 Hz
On-board graphics card ID	0x191B	AC adapter input voltage	100 - 240 V
Number of discrete graphics cards installed	1	DC-in jack	✓
CUDA	✓	Security	
CUDA cores	512	Cable lock slot	✓
Audio		Cable lock slot type	Kensington
Audio system	MaxxAudio Pro	Password protection	✓
Speakers manufacturer	Waves	Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR
Camera			
Front camera	✓		
Network			
Wi-Fi	✓		

Network		Weight & dimensions	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Width	357,2 mm
Ethernet LAN	✗	Depth	235,4 mm
Bluetooth	✓	Height	11,5 mm
Bluetooth version	4.1	Weight *	1,78 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	AC adapter included *	✓
HDMI ports quantity *	1	Manual	✓
DVI port	✗	Quick start guide	✓
Thunderbolt 3 ports quantity	1	Warranty card	✓
S/PDIF out port	✗	Power cord included	✓
Combo headphone/mic port	✓	Other features	
USB Sleep-and-Charge	✓	LightScribe	✗
USB Sleep-and-Charge ports	2	Maximum internal memory (64-bit)	32 GB
Performance			
Motherboard chipset	Intel CM236		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		

## Catalog Object Cloud



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