



Lenovo IdeaPad S510p Intel® Core™ i5 i5-4200U Laptop 39.6 cm (15.6") HD 4 GB DDR3-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 8.1 Black

Brand : Lenovo

Product family: IdeaPad

Product code: 59408377

Product name : S510p

Intel Core i5-4200U (1.6GHz), 4GB DDR3 1600MHz RAM, 500GB HDD, 15.6" 1366x768, Intel HD Graphics 4400, DVD±RW, 802.11b/g/n, Fast Ethernet, Bluetooth 4.0, HD Webcam, Windows 8.1 64-bit
Lenovo IdeaPad S510p. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-4200U, Processor frequency: 1.6 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. Operating system installed: Windows 8.1. Product colour: Black



Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Spill-resistant keyboard	✓
Display		Full-size keyboard	✓
Display diagonal *	39.6 cm (15.6")	Windows keys	✓
Display resolution *	1366 x 768 pixels	Software	
Touch screen *	✗	Operating system architecture	64-bit
HD type	HD	Operating system installed *	Windows 8.1
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel Wireless Display (WiDi) Technology	✓
Processor		Intel My WiFi Technology	✓
Processor manufacturer *	Intel	Intel Smart Connect Technology	✓
Processor family *	Intel® Core™ i5	Intel Anti-Theft Technology	✓
Processor generation	4th gen Intel® Core™ i5	Intel® Rapid Start Technology	✗
Processor *	i5-4200U	Intel® Smart Response Technology	✗
Processor number of cores	2	Intel Identity Protection Technology	✓
Processor threads	4	Intel Hyper-Threading Technology	✓
Processor boost frequency	2.6 GHz	Intel Turbo Boost Technology	2.0
Processor frequency *	1.6 GHz	Intel Matrix Storage Technology	✗
Processor cache	3 MB	Intel HD Audio Technology	✓
Processor cache type	Smart Cache	Intel Active Management Technology	✗
Processor socket	BGA 1168	Enhanced Intel SpeedStep Technology	✓
Processor lithography	22 nm	Intel Clear Video HD Technology	✓
Processor operating modes	64-bit	Intel Clear Video Technology	✗
Processor series	Intel Core i5-4200 Mobile series	Intel® InTru™ 3D Technology	✓
Processor codename	Haswell	Intel® Insider™	✓
Bus type	DMI2	Intel® Quick Sync Video Technology	✓
FSB Parity	✗	Intel Flex Memory Access	✗
Stepping	C0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		

Processor		Processor special features	
PCI Express slots version	2.0	Intel AES New Instructions	✓
PCI Express configurations	1x4, 2x4	Intel Trusted Execution Technology	✗
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	4 GB	Intel Demand Based Switching	✗
Internal memory type	DDR3-SDRAM	Intel® Secure Key	✓
Memory clock speed	1600 MHz	Intel TSX-NI	✗
Memory slots	2x SO-DIMM	Intel Clear Video Technology for MID	✗
Maximum internal memory *	16 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	500 GB	Idle States	✓
Storage media *	HDD	Thermal Monitoring Technologies	✓
Number of hard drives installed	1	Processor package size	40 x 24 x 1.5 mm
Hard drive capacity	500 GB	Supported instruction sets	AVX 2.0
Optical drive type *	DVD±RW	Processor code	SR170
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	MMC, SD	Embedded options available	✗
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✗
On-board graphics card *	✓	Intel Smart Connect Technology version	1.00
On-board graphics card family	Intel® HD Graphics	Intel Identity Protection Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 4400	Intel Secure Key Technology version	1.00
On-board graphics card base frequency	200 MHz	Intel ME Firmware Version	9.5
On-board graphics card dynamic frequency (max)	1000 MHz	Intel TSX-NI version	0.00
Maximum on-board graphics card memory	1.74 GB	Intel Virtualization Technology (VT-x)	✓
On-board graphics card DirectX version	12	Intel Dual Display Capable Technology	✗
On-board graphics card ID	0xA16	Intel FDI Technology	✗
Audio		Intel Rapid Storage Technology	✓
Audio system	DAA	Intel Fast Memory Access	✗
Number of built-in speakers	2	Processor ARK ID	75459
Built-in microphone	✓	Conflict-Free processor	✓
Camera		Battery	
Front camera	✓	Number of battery cells	4
Front camera resolution	1280 x 720 pixels	Battery life (max)	5 h
Network		Energy Management	
Wi-Fi	✓	AC adapter frequency	50 - 60 Hz
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	AC adapter input voltage	100 - 240 V
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	DC-in jack	✓
Ethernet LAN connection	✓	Security	
Ethernet LAN data rates	10,100 Mbit/s	Cable lock slot	✗
Bluetooth	✓	Weight & Dimensions	
Bluetooth version	4.0	Weight *	2.4 kg
Ports & interfaces		Packaging Content	
USB 2.0 ports quantity *	1	AC adapter bundled *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Manual	✓
Ethernet LAN (RJ-45) ports quantity	1	Power cord included	✓
HDMI ports quantity *	1	Other features	
DVI port	✗	LightScribe	✗
S/PDIF out port	✗	3D compatibility	✗
Combo headphone/mic port	✓		
Docking connector	✗		
ExpressCard slot	✗		

Ports & interfaces

CardBus PCMCIA slot type	×
SmartCard slot	×
Total number of SATA connectors	4
Number of SATA III connectors	4

Catalog Object Cloud



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