



Lenovo IdeaPad Y510p Intel® Core™ i5 i5-4200M Laptop 39.6 cm (15.6") 8 GB DDR3-SDRAM 1 TB Hybrid-HDD NVIDIA® GeForce® GT 750M Windows 8 Black

Brand : Lenovo

Product family: IdeaPad

Product code: 59401368

Product name : Y510p

Intel Core i5-4200M (3M Cache, up to 3.10 GHz), 8GB DDR3 RAM, 1TB+8GB SSHD, 15.6" HD (1366 x 768), 2x NVIDIA GeForce GT 750M 2GB, Gigabit Ethernet, Wi-Fi 802.11 b/g/n, Bluetooth 4.0, Windows 8 64-bit

Lenovo IdeaPad Y510p. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-4200M, Processor frequency: 2.5 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: Hybrid-HDD. On-board graphics card model: Intel® HD Graphics 4600, Discrete graphics card model: NVIDIA® GeForce® GT 750M. Operating system installed: Windows 8. Product colour: Black



Design		Performance	
Product type *	Laptop	Chipset	Intel® HM86
Product colour *	Black	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Market positioning	Gaming	Numeric keypad *	✓
Display		Keyboard backlight	✓
Display diagonal *	39.6 cm (15.6")	Full-size keyboard	✓
Display resolution *	1366 x 768 pixels	Windows keys	✓
Touchscreen *	✗	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 8
Display surface	Matt	Processor special features	
Processor		Intel Wireless Display (WiDi) Technology	✓
Processor manufacturer *	Intel	Intel My WiFi Technology	✗
Processor family *	Intel® Core™ i5	Intel Smart Connect Technology	✗
Processor generation	4th gen Intel® Core™ i5	Intel Anti-Theft Technology	✓
Processor *	i5-4200M	Intel® Rapid Start Technology	✗
Processor number of cores	2	Intel® Smart Response Technology	✗
Processor threads	4	Intel Identity Protection Technology	✓
Processor boost frequency	3.1 GHz	Intel Hyper-Threading Technology	✓
Processor frequency *	2.5 GHz	Intel Turbo Boost Technology	2.0
System bus data transfer rate	5 GT/s	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cache	3 MB	Intel Matrix Storage Technology	✗
Processor cache type	Smart Cache	Intel HD Audio Technology	✗
Processor socket	PGA946	Intel Active Management Technology	✗
Processor lithography	22 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel Clear Video HD Technology	✓
Processor series	Intel Core i5-4200 Mobile series	Intel Clear Video Technology	✗
Processor codename	Haswell	Intel® InTru™ 3D Technology	✓
Bus type	DMI		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	37 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Insider™	✓
PCI Express slots version	3.0	Intel® Quick Sync Video Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Flex Memory Access	✗
ECC supported by processor	✗	Intel® Smart Cache	✓
Memory		Intel AES New Instructions	✓
Internal memory *	8 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR3-SDRAM	Intel Enhanced Halt State	✗
Memory clock speed	1600 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory form factor	SO-DIMM	Intel Demand Based Switching	✗
Memory slots	2x SO-DIMM	Intel® Secure Key	✓
Memory, maximum *	16 GB	Intel TSX-NI	✗
Storage		Intel Clear Video Technology for MID	✗
Total storage capacity *	1 TB	Intel 64	✓
Storage media *	Hybrid-HDD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
Hard drive interface	SATA	Thermal Monitoring Technologies	✓
Hard drive rotational speed	5400 RPM	Processor package size	37.5 x 37.5 x 4.7 mm
Hybrid-HDD capacity	1 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Hybrid-HDD cache memory	8 GB	Processor code	SR1HA
Hard drive size	2.5"	CPU configuration (max)	1
Optical drive *	✗	Embedded options available	✗
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, SDHC, SDXC, xD	Intel Identity Protection Technology version	1.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GT 750M	Intel TSX-NI version	0.00
Discrete graphics card memory	2 GB	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Dual Display Capable Technology	✗
Discrete graphics card *	✓	Intel FDI Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 4600	Intel Fast Memory Access	✗
On-board graphics card base frequency	400 MHz	Processor ARK ID	76348
On-board graphics card dynamic frequency (max)	1150 MHz	Conflict-Free processor	✓
Maximum on-board graphics card memory	1.74 GB	Battery	
On-board graphics card DirectX version	11.1	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card ID	0x416	Number of battery cells	6
Number of discrete graphics cards supported	2	Battery capacity *	72 Wh
Number of discrete graphics cards installed	2	Battery life (max)	5 h
Graphics card Open GL support	✓	Power	
Audio		AC adapter power	120 W
Audio system	Dolby Home Theater v4	AC adapter frequency	50 - 60 Hz
Number of built-in speakers	2	AC adapter input voltage	100 - 240 V
Speakers manufacturer	JBL	DC-in jack	✓
Speaker power	1.5 W	Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✓	Password protection	✓
Front camera resolution	1280 x 720 pixels	Weight & dimensions	
Network		Width	387 mm
Wi-Fi	✓	Depth	259 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	36 mm
		Weight *	2.8 kg

Network		Packaging content	
Ethernet LAN connection	✓	AC adapter included *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Manual	✓
Bluetooth	✓	Power cord included	✓
Bluetooth version	4.0	Other features	
Ports & interfaces		LightScribe	✗
USB 2.0 ports quantity *	1	Maximum internal memory (64-bit)	16 GB
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Intel Virtualization Technology	VT-x
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.