



## Lenovo IdeaPad Y510P Intel® Core™ i7 i7-4700MQ Computadora portátil 39.6 cm (15.6") 8 GB DDR3-SDRAM 1 TB Unidad de disco duro NVIDIA® GeForce® GT 750M Windows 8 Negro

**Marca :** Lenovo

**Familia de productos:**  
IdeaPad

**Código del producto:**  
59415060

**Nombre del producto :** Y510P

Lenovo IdeaPad Y510P. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-4700MQ, Frecuencia del procesador: 2.4 GHz. Diagonal de la pantalla: 39.6 cm (15.6"), Resolución de la pantalla: 1366 x 768 Píxeles. Memoria interna: 8 GB, Tipo de memoria interna: DDR3-SDRAM. Capacidad total de almacenaje: 1 TB, Unidad de almacenamiento: Unidad de disco duro, Tipo de unidad óptica: DVD-RW. Modelo de gráficos en tarjeta: Intel® HD Graphics 4600. Sistema operativo instalado: Windows 8. Color del producto: Negro



Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Keyboard backlit	✓
Market positioning	Gaming	Full-size keyboard	✓
Display		Windows keys	✓
Display diagonal *	39.6 cm (15.6")	Software	
Display resolution *	1366 x 768 pixels	Operating system architecture	64-bit
Touchscreen *	✗	Operating system installed *	Windows 8
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel® Wireless Display (Intel® WiDi)	✓
Display surface	Gloss	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel Smart Connect Technology	✗
Processor manufacturer *	Intel	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor family *	Intel® Core™ i7	Intel® Rapid Start Technology	✗
Processor generation	4th gen Intel® Core™ i7	Intel® Smart Response Technology	✗
Processor model *	i7-4700MQ	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	8	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3.4 GHz	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor frequency *	2.4 GHz	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor cache	6 MB	Intel® Active Management Technology (Intel® AMT)	✗
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	PGA946	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	22 nm	Intel Clear Video Technology	✗
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i7-4700 Mobile series	Intel® Insider™	✓
Processor codename	Haswell	Intel® Quick Sync Video Technology	✓
Bus type	DMI2		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	47 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		
PCI Express configurations	1x16, 2x8, 1x8+2x4		

Processor		Processor special features	
ECC supported by processor	✗	Intel Flex Memory Access	✗
Memory		Intel® Smart Cache	✓
Internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory type	DDR3-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	1600 MHz	Intel Enhanced Halt State	✓
Memory form factor	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory layout (slots x size)	2 x 4 GB	Intel Demand Based Switching	✗
Memory slots	2x SO-DIMM	Intel® Secure Key	✓
Maximum internal memory *	16 GB	Intel TSX-NI	✗
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Total storage capacity *	1 TB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✓
Optical drive type *	DVD-RW	Processor package size	37.5 x 32 x 1.6 mm
Card reader integrated	✓	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Compatible memory cards	Memory Stick (MS), MS PRO, SD, SDHC, xD	Processor code	SR15H
Graphics		CPU configuration (max)	1
Discrete graphics card model *	NVIDIA® GeForce® GT 750M	Embedded options available	✗
Discrete graphics card memory	2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
Discrete graphics card *	✓	Intel Secure Key Technology version	1.00
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	0.00
On-board graphics card model *	Intel® HD Graphics 4600	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	400 MHz	Intel Dual Display Capable Technology	✗
On-board graphics card dynamic frequency (max)	1150 MHz	Intel FDI Technology	✓
Maximum on-board graphics card memory	1.74 GB	Intel Rapid Storage Technology	✗
On-board graphics card DirectX version	11.1	Intel Fast Memory Access	✗
On-board graphics card ID	0x416	Processor ARK ID	75117
Number of discrete graphics cards supported	1	Conflict-Free processor	✓
Number of discrete graphics cards installed	1	Battery	
Graphics card Open GL support	✓	Battery technology	Lithium-Ion (Li-Ion)
Audio		Number of battery cells	6
Audio system	Dolby HomeTheater v4	Battery capacity *	72 Wh
Number of built-in speakers	2	Battery life (max)	5 h
Speakers manufacturer	JBL	Power	
Speaker power	1.5 W	AC adapter power	120 W
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Camera		AC adapter input voltage	100 - 240 V
Front camera	✓	DC-in jack	✓
Front camera resolution	1280 x 720 pixels	Security	
Network		Cable lock slot	✓
Wi-Fi	✓	Cable lock slot type	Kensington
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Certificates	
Ethernet LAN	✓	Compliance certificates	RoHS
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	387 mm
Bluetooth version	4.0	Depth	259 mm
Ports & interfaces		Height	36 mm
USB 2.0 ports quantity *	2		

Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight *	2.7 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
HDMI ports quantity *	1	AC adapter included *	✓
DVI port	✗	Power cord included	✓
VGA (D-Sub) ports quantity	1	Other features	
S/PDIF out port	✗	Maximum internal memory (64-bit)	16 GB
Microphone in	✗		
Combo headphone/mic port	✓		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
USB Sleep-and-Charge	✓		
Performance			
Motherboard chipset	Intel® HM86		

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.

Publication date: 14-APR-2025. Prints or copies of Information are only valid on the printed Publication date