



Lenovo IdeaPad U510 Intel® Core™ i5 i5-3337U Laptop 39,6 cm (15.6") 4 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® 625M Windows 8 Grafit, Abu-abu

Brand : Lenovo

Product family: IdeaPad

Product code: 59-389403

Product name : U510

Lenovo IdeaPad U510. Jenis produk: Laptop, Faktor bentuk: Kulit kerang. Keluarga prosesor: Intel® Core™ i5, Model prosesor: i5-3337U, Frekuensi prosesor: 1,8 GHz. Diagonal layar: 39,6 cm (15.6"), Resolusi layar: 1366 x 768 piksel. Memori internal: 4 GB, Tipe memori internal: DDR3-SDRAM. Total kapasitas penyimpanan: 1 TB, Media penyimpanan: HDD, Tipe drive optikal: Blu-Ray DVD Combo. Model adaptor grafis pada papan induk: Intel® HD Graphics 4000. Sistem operasi yang terpasang: Windows 8. Warna produk: Grafit, Abu-abu



Desain		Port & antarmuka	
Jenis produk *	Laptop	Port keluar S/PDIF	✗
Warna produk *	Grafit, Abu-abu	Mikrofon masuk	✗
Faktor bentuk *	Kulit kerang	Soket mic/headphone Combo	✓
Layar		Konektor dok	✗
Diagonal layar *	39,6 cm (15.6")	Slot ExpressCard	✗
Resolusi layar *	1366 x 768 piksel	Tipe slot CardBus PCMCIA	✗
Layar sentuh *	✗	Slot SmartCard	✗
Lampu belakang LED	✓	Keyboard	
Rasio aspek native	16:9	Tombol angka *	✓
Permukaan Tampilan	Mengkilap	Tombol Windows	✓
Prosesor		Perangkat lunak	
Produsen prosesor *	Intel	Arsitektur sistem operasi	64-bit
Keluarga prosesor *	Intel® Core™ i5	Sistem operasi yang terpasang *	Windows 8
Generasi prosesor	Intel® Core™ i5 generasi ke-3	Fitur khusus prosesor	
Model prosesor *	i5-3337U	Intel® Wireless Display (Intel® WiDi)	✓
Inti prosesor	2	Teknologi Intel® My WiFi (Intel® MWT)	✓
Thread prosesor	4	Teknologi Intel® Anti-Theft (Intel® AT)	✓
Frekuensi pendorong prosesor	2,7 GHz	Teknologi Intel® Identity Protection (Intel® IPT)	✓
Frekuensi prosesor *	1,8 GHz	Teknologi Intel® Hyper Threading (Intel® HT Technology)	✓
Kecepatan bus sistem	5 GT/dt	Teknologi Intel® Turbo Boost	2.0
Cache prosesor	3 MB	Teknologi SpeedStep Intel® yang diperbaharui	✓
Tipe cache Prosesor	Smart Cache	Teknologi Intel® Clear Video HD (Intel® CVT HD)	✓
Soket prosesor	BGA 1023	Teknologi video Terang Intel®	✗
Litografi prosesor	22 nm	Teknologi Intel® InTru™ 3D	✓
Modus pengoperasian prosesor	64-bit	Orang dalam Intel® (Intel® Insider™)	✓
Seri Prosesor	Intel Core i5-3300 Mobile series	Teknologi Intel® Quick Sync Video	✓
Nama kode prosesor	Ivy Bridge	Akses Memori Fleks Intel®	✓
Bus type	DMI	Cache Pintar Intel®	✓
Paritas FSB	✗		
Pelangkahan	L1		
Thermal Design Power (TDP)	17 W		
Tjunction	105 °C		
Jumlah maksimal jalur Ekspres PCI	16		
Versi slot PCI Express	2.0		
Konfigurasi PCI Express	1x16, 2x8, 1x8+2x4		
CPU multiplier (bus/core ratio)	18		

Prosesor		Fitur khusus prosesor	
EEC didukung oleh prosesor	✗	Instruksi Baru AES Intel® (Intel® AES-NI)	✓
Memori		Teknologi Eksekusi Terpercaya Intel®	✗
Memori internal *	4 GB	Intel® Enhanced Halt State	✓
Tipe memori internal	DDR3-SDRAM	Intel® VT-x dengan Tabel Halaman Ekstensi (EPT)	✓
Slot memori	2x SO-DIMM	Saklar Berbasis Permintaan Intel®	✗
Memori internal maksimal *	8 GB	Intel® Secure Key	✓
media penyimpanan		Teknologi Video Jelas Intel® untuk MID (Intel® CVT for MID)	✗
Total kapasitas penyimpanan *	1 TB	Intel® 64	✓
Media penyimpanan *	HDD	Bit Nonaktif Eksekusi	✓
Jumlah hard disk yang terpasang	1	Keadaan Diam	✓
Kapasitas harddisk	1 TB	Teknologi Monitor Termal	✓
Kecepatan Hard drive	5400 RPM	Ukuran paket prosesor	31 x 24 (BGA1023)
Tipe drive optikal *	Blu-Ray DVD Combo	Set instruksi yang didukung	AVX
Pembaca kartu terintegrasi	✓	Kode prosesor	SR0XL
Kartu memori yang kompatibel	MMC, SD	Konfigurasi CPU (maks)	1
Grafik		Pilihan Tertanam Tersedia	✗
Model adaptor grafis diskrit *	NVIDIA® GeForce® 625M	Litografi Graphics & IMC	22 nm
Memori adaptor grafik berlainan	2 GB	Intel® Virtualization Technology untuk Directed I/O (VT-d)	✓
Tipe memori adaptor grafis diskrit	GDDR3	Intel Identity Protection Technology version	1,00
Adaptor grafis pada papan induk *	✓	Intel Secure Key Technology version	1,00
Adaptor grafis diskrit *	✓	Teknologi Virtualisasi Intel® (VT-x)	✓
Keluarga adaptor VGA internal	Intel® HD Graphics	Kemampuan teknologi Intel® Dual Display	✓
Model adaptor grafis pada papan induk *	Intel® HD Graphics 4000	Teknologi Intel® FDI	✓
Frekuensi basis adapter grafis on-board	350 MHz	Teknologi Intel® Rapid Storage	✗
Frekuensi dinamis adapter grafis On-board (maks)	1100 MHz	Akses Memori Cepat Intel®	✓
ID adaptor grafik di kendaraan	0x166	ID ARK prosesor	72055
Audio		Prosesor tanpa gangguan	✓
Sistem audio	Dolby Home Theater v4	WiMAX 4G terpadu	✓
Jumlah pengeras suara terpasang	2		
Mikrofon terpasang	✓		
Kamera		Baterai	
Kamera depan	✓	Teknologi baterai	Polimer Lithium (LiPo)
Jaringan		Jumlah sel baterai	4
Wi-Fi	✓	Kapasitas baterai *	45 Wj
Standar Wi-Fi	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Daya tahan baterai (maks)	6 j
Ethernet LAN	✓	Daya	
Bluetooth	✓	DC-in jack	✓
4G WiMAX	✗	Keamanan	
Port & antarmuka		Slot kunci kabel	✗
Jumlah soket USB 2.0 *	2	Berat dan dimensi	
Kuantitas port Tipe A USB 3.2 Gen 1 (3.1 Gen 1) *	1	Panjang	382 mm
Soket LAN ethernet (RJ-45)	1	Lebar	250 mm
Jumlah port HDMI *	1	Tinggi	21 mm
Soket DVI	✗	Berat *	2,2 kg
Jumlah soket Mini-VGA	1	Fitur lainnya	
		LightScribe	✗
		Komputasi 64-bit	✓

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