



Lenovo IdeaPad G510 Intel® Core™ i5 i5-4200M Laptop 39,6 cm (15.6") 6 GB DDR3-SDRAM 1 TB HDD AMD Radeon R7 M265 Schwarz

Marke : Lenovo

Produktfamilie: IdeaPad

Artikel-Code: 59-410662

Produktname : G510

Lenovo IdeaPad G510. Produkttyp: Laptop, Formfaktor: Klappgehäuse. Prozessorfamilie: Intel® Core™ i5, Prozessor: i5-4200M, Prozessor-Taktfrequenz: 2,5 GHz. Anzeigegrösse (Diagonal): 39,6 cm (15.6"), Auflösung: 1366 x 768 Pixel. Arbeitsspeicher (RAM): 6 GB, Interner Speichertyp: DDR3-SDRAM. Gesamtspeicherkapazität: 1 TB, Speichermedien: HDD, Optisches Laufwerk - Typ: DVD-RW. On-board Grafik Modell: Intel® HD Graphics 4600, Dediziertes Grafikmodell: AMD Radeon R7 M265. Produktfarbe: Schwarz



Design		Konnektivität	
Produkttyp *	Laptop	Mikrofon, Line-In Anschluss	✗
Produktfarbe *	Schwarz	Combo headphone/mic port	✓
Formfaktor *	Klappgehäuse	Docking-Anschluss	✗
Anzeige		ExpressCard slot	✗
Anzeigegrösse (Diagonal) *	39,6 cm (15.6")	CardBus PCMCIA Slot Typ	✗
Auflösung *	1366 x 768 Pixel	SmartCard Slot	✗
Touchscreen *	✗	Performance	
LED-Hintergrundbeleuchtung	✓	Motherboard Chipsatz	Intel® HM86
Natives Seitenverhältnis	16:9	Tastatur	
Display-Oberfläche	Glanz	Eingabegerät	Touchpad
Helligkeit	200 cd/m²	Numerisches Keypad *	✓
Prozessor		Full-size Tastatur	✓
Prozessorhersteller *	Intel	Windows Tasten	✓
Prozessorfamilie *	Intel® Core™ i5	Software	
Prozessorgeneration	Intel® Core™ i5 der vierten Generation	Vorinstalliertes Betriebssystem *	✗
Prozessor *	i5-4200M	Prozessor Besonderheiten	
Anzahl der Prozessorkerne	2	Intel Wireless Display (WiDi) Technology	✓
Prozessor-Threads	4	Intel My WiFi Technology	✗
Max. Turbo-Taktfrequenz des Prozessor	3,1 GHz	Intel Smart Connect Technology	✗
Prozessor-Taktfrequenz *	2,5 GHz	Intel Anti-Theft Technology	✓
System-Bus	5 GT/s	Intel® Rapid-Start-Technologie	✗
Processor cache	3 MB	Intel® Smart-Response-Technologie	✗
Prozessor Cache Typ	Smart Cache	Intel Identity Protection Technology	✓
Prozessorsockel	PGA946	Intel Hyper-Threading Technology	✓
Prozessor Lithografie	22 nm	Intel® Turbo-Boost-Technologie	2.0
Processor operating modes	64-Bit	Intel® Small-Business-Advantage (Intel® SBA)	✗
Prozessor-Serien	Intel Core i5-4200 Mobile series	Intel Matrix Storage Technologie	✗
Prozessor Codename	Haswell	Intel HD Audio Technology	✗
Bus type	DMI	Intel Active Management Technologie	✗
FSB Parity	✗	Enhanced Intel SpeedStep Technologie	✓
Stepping	C0		
Thermal Design Power (TDP)	37 W		
Tjunction	100 °C		
Maximale Anzahl der PCI-Express-Lanes	16		

Prozessor		Prozessor Besonderheiten	
PCI Express slots version	3.0	Intel Clear Video HD Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Clear Video Technologie	✗
ECC vom Prozessor unterstützt	✗	Intel® InTru™-3D-Technik	✓
Speicher		Intel® Insider™	✓
Arbeitsspeicher (RAM) *	6 GB	Intel® Quick Sync Video Technology	✓
Interner Speichertyp	DDR3-SDRAM	Intel Flex Memory Access	✗
Speichertaktfrequenz	1600 MHz	Intel® Smart Cache	✓
Memory form factor	SO-DIMM	Intel AES New Instructions	✓
Speicherlayout	1 x 2 + 1 x 4 GB	Intel Trusted Execution Technology	✗
Speichersteckplätze	2x SO-DIMM	Intel Enhanced Halt State	✗
Maximaler Hauptspeicher *	16 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Speichermedien		Intel Demand Based Switching	✗
Gesamtspeicherkapazität *	1 TB	Intel® Sicherer Schlüssel	✓
Speichermedien *	HDD	Intel® TSX-NI	✗
Anzahl der installierten Festplatten	1	Intel Clear Video Technology for MID	✗
Festplattenkapazität	1 TB	Intel® 64	✓
Festplatten Schnittstelle	SATA	Execute Disable Bit	✓
Festplatte Rotationsgeschwindigkeit	5400 RPM	Idle States	✓
Festplatten-Formfaktor	2.5"	Thermal Monitoring Technologies	✓
Optisches Laufwerk - Typ *	DVD-RW	Prozessor-Paketgröße	37.5 x 37.5 x 4.7 mm
Integrierter Kartenleser	✓	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Kompatible Speicherkarten	MMC, SD	Prozessor-Code	SR1HA
Grafik		CPU configuration (max)	1
Dediziertes Grafikmodell *	AMD Radeon R7 M265	Embedded options available	✗
Separater Grafik-Adapterspeicher	2 GB	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✗
Dedizierter Grafikspeicher Typ	GDDR3	Intel® Identity Protection Technologieversion	1,00
On-board graphics adapter *	✓	Intel® Secure Key Technologieversion	1,00
Separater Grafikkadapter *	✓	Intel® TSX-NI-Version	0,00
On-Board-Grafikkadapterfamilie	Intel® HD Graphics	Intel® Virtualization Technologie (VT-X)	✓
On-board Grafik Modell *	Intel® HD Graphics 4600	Intel Dual Display Capable Technology	✗
On-Board Grafikkadapter Basisfrequenz	400 MHz	Intel FDI Technology	✗
Maximale dynamische Frequenz der On-Board Grafikkadapter	1150 MHz	Intel Rapid Storage Technology	✗
Maximaler integrierter Grafik-Adapterspeicher	1,74 GB	Intel Fast Memory Access	✗
On-Board Grafikkadapter DirectX Version	11.1	ARK Prozessorerkennung	76348
On-Board Grafikkadapter Geräte-ID	0x416	Konfliktloser-Prozessor	✓
Anzahl der unterstützten separaten Grafik-Adapter	1	Battery	
Anzahl der installierten separaten Grafik-Adapter	1	Batterietechnologie	Lithium-Ion (Li-Ion)
Audio		Anzahl Batteriezellen	6
Audio-System	Dolby Advanced Audio	Akku-/Batteriebetriebsdauer	5 h
Anzahl der eingebauten Lautsprecher	2	Energiemanagement	
Eingebautes Mikrofon	✓	DC-Anschluss	✓
Kamera		Sicherheit	
Frontkamera	✓	Kabelsperr-Slot	✓
Auflösung Frontkamera	1280 x 720 Pixel	Slot-Typ Kabelsperr	Kensington
Netzwerk		Gewicht u. Abmessungen	
Wi-Fi	✓	Breite	377 mm
Wi-Fi-Standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Tiefe	250 mm
Ethernet/LAN	✓	Höhe	34 mm
Ethernet LAN Datentransferraten	10,100 Mbit/s	Gewicht *	2,6 kg
Bluetooth	✓		
Bluetooth-Version	4.0		

Konnektivität		Verpackungsinhalt	
Anzahl der USB 2.0 Ports *	1	AC-Netzadapter *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Anzahl der Anschlüsse vom Typ A *	2	Benutzerhandbuch	✓
Anzahl Ethernet LAN (RJ-45) Anschlüsse	1	Netzkabel	✓
Anzahl HDMI Anschlüsse *	1	Weitere Spezifikationen	
DVI Anschluss	✗	Maximum internal memory (64-bit)	16 GB
Anzahl VGA (D-Sub) Anschlüsse	1	Intel Virtualization Technologie	VT-x
S/PDIF OUT Port	✗		

Catalog Object Cloud



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