



Lenovo IdeaPad G560 Intel® Core™ i5 i5-460M 39,6 cm (15.6") 4 GB DDR3-SDRAM 500 GB NVIDIA® GeForce® 310M Windows 7 Home Premium Black



Brand : Lenovo

Product family: IdeaPad

Product code: M279GMD

Product name : IdeaPad G560

IdeaPad G560, Intel Core i5-460M (3M Cache, 2.53 GHz), 2 x 2GB DDR3, 500GB HDD, 15.6" HD LED 1366 x 768 px, 16:9, Nvidia GeForce 310M 512MB, 3 x USB 2.0, Fast Ethernet, 802.11 a/g/n, DVD-RW, 1.3M Webcam, Windows 7 Home Premium 64-bit

Lenovo IdeaPad G560. Processor family: Intel® Core™ i5, Processor model: i5-460M, Processor frequency: 2,53 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: NVIDIA® GeForce® 310M. Operating system installed: Windows 7 Home Premium. Product colour: Black. Weight: 2,6 kg

Design		Keyboard	
Product colour *	Black	Pointing device	Touchpad
Display		Software	
Display diagonal *	39,6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Trial software	Office Professional 2007 McAfee Antivirus
LED backlight	✓	Operating system installed *	Windows 7 Home Premium
Native aspect ratio	16:9		Power2Go 5.5 YouCam VeriFace 3.6 ReadyComm 5.1.1 OneKey Rescue System 7.0 Lenovo Energy Management Software 3.x WinDVD OneKey Theater 2.x Windows Live essential
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✗
Processor family *	Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✗
Processor generation	4th gen Intel® Core™ i5	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor model *	i5-460M	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	2	Intel® Turbo Boost Technology	1.0
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	2,8 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2,53 GHz	Intel Clear Video Technology	✓
System bus rate	2,5 GT/s	Intel® InTru™ 3D Technology	✗
Processor cache	3 MB	Intel® Insider™	✗
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✗
Processor socket	BGA 1288	Intel Flex Memory Access	✓
Processor lithography	32 nm	Intel® Smart Cache	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor series	Intel Core i5-400 Series	Intel Trusted Execution Technology	✗
Processor codename	Arrandale	Intel Enhanced Halt State	✓
Bus type	DMI	Intel VT-x with Extended Page Tables (EPT)	✓
FSB Parity	✗	Intel Demand Based Switching	✗
Stepping	K0		
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16		
Number of Processing Die Transistors	382 M		
Processing Die size	81 mm²		
CPU multiplier (bus/core ratio)	19		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR3-SDRAM	Intel 64	✓
Memory clock speed	1066 MHz	Execute Disable Bit	✓
Memory layout (slots x size)	2 x 2 GB	Idle States	✓
Maximum internal memory *	8 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	rPGA 37.5x 37.5, BGA 34x28
Total storage capacity *	500 GB	Supported instruction sets	SSE4.1, SSE4.2
Number of HDDs installed	1	Processor code	SLC22
HDD interface	SATA	Physical Address Extension (PAE)	✓
HDD speed	5400 RPM	Physical Address Extension (PAE)	36 bit
Optical drive type *	DVD-RW	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, xD	Graphics & IMC lithography	45 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card model *	NVIDIA® GeForce® 310M	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	Intel Fast Memory Access	✓
On-board graphics card base frequency	500 MHz	Processor ARK ID	50179
On-board graphics card dynamic frequency (max)	766 MHz	Conflict-Free processor	✗
Maximum graphics card memory	0,5 GB	Battery	
Audio		Number of battery cells	6
Audio system	HD	Battery life (max)	4 h
Number of built-in speakers	2	Power	
Speaker power	2 W	DC-in jack	✓
Camera		Security	
Front camera resolution (numeric)	1,3 MP	Cable lock slot	✗
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	ENERGY STAR
Networking features	Fast Ethernet	Weight & dimensions	
Ethernet LAN	✓	Width	377 mm
Bluetooth	✗	Depth	250 mm
Cabling technology	10/100Base-T(X)	Height (front)	1,73 cm
Ports & interfaces		Height (rear)	3,49 cm
USB 2.0 ports quantity *	3	Weight *	2,6 kg
eSATA ports quantity	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Other features	
DVI port	✗	Infrared data port	✗
VGA (D-Sub) ports quantity	1	Graphics card family	NVIDIA
Headphone outputs	1	Power supply type	AC/DC
S/PDIF out port	✗	Compliance industry standards	IEEE 802.3, IEEE 802.3u
Microphone in	✓	Wake-on-LAN ready	✓
Docking connector	✗		
ExpressCard slot	✓		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
TV-out	✗		

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