



Lenovo IdeaPad G560 Intel® Pentium® P6200 39,6 cm (15.6") 4 GB DDR3-SDRAM 320 GB Intel® HD Graphics Windows 7 Home Premium Black

Brand : Lenovo

Product family: IdeaPad

Product code: 0679ALU

Product name : G560



15.6" HD, Intel Pentium P6200 (2.13GHz, 3Mb L2), 4Gb RAM, 320Gb HDD, Intel HD, VGA, Wi-Fi, LAN, Windows 7 Home Premium (64)

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Design		Keyboard	
Product colour *	Black	Pointing device	Touchpad
Display		Full-size keyboard	✓
Display diagonal *	39,6 cm (15.6")	Software	
Display resolution *	1366 x 768 pixels	Operating system architecture	64-bit
LED backlight	✓	Operating system installed *	Windows 7 Home Premium
Native aspect ratio	16:9	Processor special features	
Display surface	Gloss	Intel® Wireless Display (Intel® WiDi)	✗
Contrast ratio (typical)	500:1	Intel® My WiFi Technology (Intel® MWT)	✗
Processor		Intel® Anti-Theft Technology (Intel® AT)	✗
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor family *	Intel® Pentium®	Intel® Turbo Boost Technology	✗
Processor model *	P6200	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor threads	2	Intel Clear Video Technology	✓
Processor frequency *	2,13 GHz	Intel® InTru™ 3D Technology	✗
System bus rate	2,5 GT/s	Intel® Insider™	✗
Processor cache	3 MB	Intel® Quick Sync Video Technology	✗
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	PGA988	Intel® Smart Cache	✓
Processor lithography	32 nm	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor operating modes	64-bit	Intel Trusted Execution Technology	✗
Processor series	Intel Pentium P6000 Series for Mobile	Intel Enhanced Halt State	✓
Processor codename	Arrandale	Intel VT-x with Extended Page Tables (EPT)	✗
Bus type	DMI		
FSB Parity	✗		
Thermal Design Power (TDP)	35 W		
Tjunction	90 °C		
Maximum number of PCI Express lanes	1		
PCI Express slots version	2.0		

Processor		Processor special features	
PCI Express configurations	1x16	Intel Demand Based Switching	✗
Number of Processing Die Transistors	382 M	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Processing Die size	81 mm²	Intel 64	✓
CPU multiplier (bus/core ratio)	16	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	4 GB	Processor package size	37.5x37.5 mm
Internal memory type	DDR3-SDRAM	Physical Address Extension (PAE)	✓
Memory clock speed	1066 MHz	Physical Address Extension (PAE)	36 bit
Memory layout (slots x size)	2 x 2 GB	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Maximum internal memory *	8 GB	Graphics & IMC lithography	45 nm
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Total storage capacity *	320 GB	Intel Virtualization Technology (VT-x)	✗
Hard drive capacity	320 GB	Intel Dual Display Capable Technology	✓
Hard drive interface	SATA II	Intel FDI Technology	✓
Hard drive speed	5400 RPM	Intel Rapid Storage Technology	✗
Optical drive type *	DVD Super Multi DL	Intel Fast Memory Access	✓
Card reader integrated	✓	Processor ARK ID	50176
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, xD	Conflict-Free processor	✗
Graphics		Battery	
Discrete graphics card model *	Intel® HD Graphics	Number of battery cells	6
On-board graphics card *	✓	Battery life (max)	4 h
Discrete graphics card *	✓	Power	
On-board graphics card family	Intel® HD Graphics	AC adapter power	65 W
On-board graphics card model *	Intel® HD Graphics	DC-in jack	✓
On-board graphics card base frequency	500 MHz	Security	
On-board graphics card dynamic frequency (max)	667 MHz	Cable lock slot	✗
Audio		Password protection type	HDD, Supervisor
Audio system	HD	Certificates	
Number of built-in speakers	2	Compliance certificates	RoHS
Speaker power	4 W	Sustainability	
Camera		Sustainability certificates	ENERGY STAR
Front camera resolution (numeric)	0,3 MP	Weight & dimensions	
Optical drive		Width	376,8 mm
Optical drive interface	SATA	Depth	249,8 mm
Network		Height (front)	1,73 cm
Wi-Fi	✓	Height (rear)	3,49 cm
Networking features	Fast Ethernet	Width (imperial)	37,7 cm (14.8")
Ethernet LAN	✓	Depth (imperial)	25 cm (9.83")
Bluetooth	✗	Height (front) (imperial)	1,73 cm (0.68")
Cabling technology	10/100Base-T(X)	Height (rear) (imperial)	3,48 cm (1.37")
Ports & interfaces		Weight *	2,6 kg
USB 2.0 ports quantity *	2	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
DVI port	✗	Other features	
VGA (D-Sub) ports quantity	1	Infrared data port	✗
Headphone outputs	1	Graphics card family	Intel
S/PDIF out port	✗	Display	LCD
Microphone in	✓	Power supply type	AC
Docking connector	✗		
ExpressCard slot	✗		

Ports & interfaces		Other features	
CardBus PCMCIA slot type	×	Internal modem	×
SmartCard slot	×		
TV-out	×		
Performance			
Motherboard chipset	Intel® HM55 Express		

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