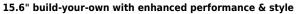**Lenovo**

Lenovo IdeaPad G560 Intel® Pentium® P6100 39,6 cm (15.6") 2 GB DDR3-SDRAM 250 GB Intel® GMA HD Windows 7 Home Premium Black

Brand : Lenovo   **Product family:** IdeaPad   **Product code:** M2797UK

Product name : G560

Lenovo G560, Intel Pentium Processor P6100(2.0GHz), 2GB RAM, 250GB 5400rpm HD, 15.6in 1366x768 LCD, Intel GMA HD, CDRW/DVDRW, 802.11bgn wireless, Bluetooth, 10/100 Ethernet, Camera, 6c Li-Ion, Windows 7 Home Premium 64

Lenovo IdeaPad G560 Intel® Pentium® P6100 39,6 cm (15.6") 2 GB DDR3-SDRAM 250 GB Intel® GMA HD Windows 7 Home Premium Black:

15.6" build-your-own with enhanced performance & style
Improved graphics, faster CPU, battery-extending technology & numeric keypad.
Lenovo IdeaPad G560. Processor family: Intel® Pentium®, Processor model: P6100, Processor frequency: 2 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 250 GB, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: Intel® GMA HD. Operating system installed: Windows 7 Home Premium. Product colour: Black. Weight: 2,6 kg

Design	
Product colour *	Black

Display	
Display diagonal *	39,6 cm (15.6")
Display resolution *	1366 x 768 pixels
LED backlight	✔
Native aspect ratio	16:9
Dual-screen	✘

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Pentium®
Processor model *	P6100
Processor cores	2
Processor threads	2
Processor frequency *	2 GHz
System bus rate	2,5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	PGA988
Processor lithography	32 nm
Processor operating modes	32-bit, 64-bit
Processor series	Intel Pentium P6000 Series for Mobile
Processor codename	Arrandale
Bus type	DMI
FSB Parity	✘
Stepping	K0
Thermal Design Power (TDP)	35 W
Tjunction	90 °C
Maximum number of PCI Express lanes	1
PCI Express slots version	2.0
PCI Express configurations	1x16

Keyboard	
Pointing device	Touchpad

Software	
Drivers included	✔
Trial software	McAfee Antivirus Microsoft Office Professional 2007
Operating system installed *	Windows 7 Home Premium
Bundled software	Power2Go 5.5 YouCam VeriFace 3.6 ReadyComm 5.1.1 OneKey Rescue System 7.0 Lenovo Energy Management 3.x WinDVD Windows Live essential

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✘
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Anti-Theft Technology (Intel® AT)	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Turbo Boost Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✘
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✘
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔

Processor

Number of Processing Die Transistors	382 M
Processing Die size	81 mm²
CPU multiplier (bus/core ratio)	15
ECC supported by processor	✗

Memory

Internal memory *	2 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1066 MHz
Memory layout (slots x size)	1 x 2 GB
Maximum internal memory *	8 GB

Storage

Total storage capacity *	250 GB
Number of HDDs installed	1
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	DVD-RW
Card reader integrated	✔
Compatible memory cards	MMC, MS PRO, SD, xD

Graphics

Discrete graphics card model *	Intel® GMA HD
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	500 MHz
On-board graphics card dynamic frequency (max)	667 MHz

Audio

Number of built-in speakers	2
Speaker power	2 W
Built-in subwoofer	✗

Camera

Front camera resolution (numeric)	1,3 MP

Network

Wi-Fi	✔
Networking features	Gigabit Ethernet
Bluetooth	✔
Bluetooth version	2.0+EDR
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports	1
DVI port	✗
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✗
Microphone in	✔
Docking connector	✗
ExpressCard slot	✗
CardBus PCMCIA slot type	✗
SmartCard slot	✗
TV-out	✗

Processor special features

Intel VT-x with Extended Page Tables (EPT)	✗
Intel Demand Based Switching	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5x37.5 mm
Processor code	SLBUR
Physical Address Extension (PAE)	36 bit
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	45 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Virtualization Technology (VT-x)	✗
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✔
Processor ARK ID	50175
Conflict-Free processor	✗

Battery

Number of battery cells	6
Battery life (max)	4 h

Power

AC adapter input voltage	120 - 230 V
DC-in jack	✔

Security

Cable lock slot	✗

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	377 mm
Depth	250 mm
Height (front)	1,73 cm
Height (rear)	3,49 cm
Weight *	2,6 kg

Packaging content

AC adapter included *	✔

Other features

Infrared data port	✗
Graphics card family	Intel
Type	PC
Display	LCD
TV-in port	✗
Internal modem	✗
TV tuner integrated	✗

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