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: 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: 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 *	P6100
Processor number of cores	2
Processor threads	2
Processor frequency *	2 GHz
System bus data transfer 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

Ports & interfaces

SmartCard slot	✘
TV-out	✘

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 (WiDi) Technology	✘
Intel My WiFi Technology	✘
Intel Anti-Theft Technology	✘
Intel Hyper-Threading Technology	✘
Intel Turbo Boost Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✘
Intel Flex Memory Access	✔
Intel AES New Instructions	✘
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
Memory, maximum *	8 GB

Storage

Total storage capacity *	250 GB
Number of HDDs installed	1
Hard drive interface	SATA
Hard drive rotational speed	5400 RPM
Optical drive *	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	✔
Network interface	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	✗

Processor special features

Intel VT-x with Extended Page Tables (EPT)	✗
Intel Demand Based Switching	✗
Intel Clear Video Technology 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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