#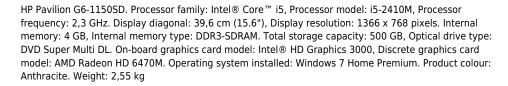 HP Pavilion G6-1150SD laptop Intel® Core™ i5 i5-2410M 39,6 cm (15.6") 4 GB DDR3-SDRAM 500 GB AMD Radeon HD 6470M Windows 7 Home Premium Anthracite

Brand : HP   **Product family:** Pavilion   **Product code:** G6-1150SD

Product name : G6-1150SD

HP Pavilion G6-1150SD. Processor family: Intel® Core™ i5, Processor model: i5-2410M, Processor frequency: 2,3 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 Super Multi DL. On-board graphics card model: Intel® HD Graphics 3000, Discrete graphics card model: AMD Radeon HD 6470M. Operating system installed: Windows 7 Home Premium. Product colour: Anthracite. Weight: 2,55 kg

Design

Product colour *	Anthracite
Country of origin	China

Display

Display diagonal *	39,6 cm (15.6")
Display resolution *	1366 x 768 pixels
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	2nd gen Intel® Core™ i5
Processor model *	i5-2410M
Processor cores	2
Processor threads	4
Processor boost frequency	2,9 GHz
Processor frequency *	2,3 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1023
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-2400 Mobile Series
Processor codename	Sandy Bridge
Bus type	DMI
FSB Parity	✗
Stepping	J1
Thermal Design Power (TDP)	35 W
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x8, 1x16, 2x4, 2x8
CPU multiplier (bus/core ratio)	23

Software

Operating system architecture	64-bit
Downloadable software	Office software with full features activated on this PC. HP Setup Manager; HP Support Assistant; HP cool sense, HP Recovery Manager; Omnifone MusicStation; Cyberlink DVD Suite; Cyberlink YouCam; Windows Live Essentials; HP Games powered by WildTangent; Adobe Reader; Adobe Flash Player
Operating system installed *	Windows 7 Home Premium

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
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® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✔

Processor

ECC supported by processor	✗

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory slots	1x SO-DIMM

Storage

Total storage capacity *	500 GB
HDD capacity	500 GB
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	DVD Super Multi DL
Card reader integrated	✔

Graphics

Discrete graphics card model *	AMD Radeon HD 6470M
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 3000
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1200 MHz
On-board graphics card ID	0x116

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Bluetooth	✗
Cabling technology	10/100Base-T(X)

Ports & interfaces

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

Performance

Motherboard chipset	Intel® HM65 Express

Keyboard

Pointing device	Touchpad

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 (rPGA988B); 31 x 24 (BGA1023)
Supported instruction sets	AVX
Embedded options available	✗
Graphics & IMC lithography	32 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Identity Protection Technology version	1,00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✔
Processor ARK ID	52224
Conflict-Free processor	✗
Integrated 4G WiMAX	✔

Battery

Number of battery cells	6

Power

AC adapter power	90 W
DC-in jack	✔

Security

Cable lock slot	✗

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions

Width	374 mm
Depth	245 mm
Height	36,3 mm
Weight *	2,55 kg

Packaging data

Package dimensions (WxDxH)	565 x 110 x 345 mm
Package weight	3,79 kg

Other features

Wireless technology	IEEE 802.11 b/g/n
Infrared data port	✗
Graphics card family	Intel
Display	LED