



HP Pavilion g6-2113tu Intel® Core™ i5 i5-3210M Laptop 39.6 cm (15.6") 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Home Premium Black, White

Brand : HP

Product family: Pavilion

Product code: B6V17PA

Product name : g6-2113tu



Intel Core i5-3210M Processor (3M Cache, up to 3.10 GHz), 4GB DDR3, 500GB SATA HDD 5400rpm, 15.6" HD LED BrightView 1366 x 768, DVD Super Multi DL, Fast Ethernet, WLAN 802.11 b/g/n, WebCam, Windows 7 Home Premium 64-bit

HP Pavilion g6-2113tu. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-3210M, Processor frequency: 2.5 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, Storage media: HDD, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 7 Home Premium. Product colour: Black, White

Design		Keyboard	
Product type *	Laptop	Island-style keyboard	✓
Product colour *	Black, White	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Country of origin	China		
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Drivers included	✓
Touchscreen *	✗	Operating system installed *	Windows 7 Home Premium
Display number of colours	16.78 million colours		
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel® Wireless Display (Intel® WiDi)	✓
Display brightness	200 cd/m²	Intel® My WiFi Technology (Intel® MWT)	✓
Contrast ratio (typical)	300:1	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	3rd gen Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor model *	i5-3210M	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	2	Intel Clear Video Technology	✗
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.1 GHz	Intel® Insider™	✓
Processor frequency *	2.5 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel Flex Memory Access	✓
L3 cache	3 MB	Intel® Smart Cache	✓
L2 cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache	3 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1023		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-3200 Mobile series		

Processor		Processor special features	
Processor codename	Ivy Bridge	Intel Trusted Execution Technology	✗
Bus type	DMI	Intel Enhanced Halt State	✓
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	L1	Intel Demand Based Switching	✗
Thermal Design Power (TDP)	35 W	Intel® Secure Key	✓
Tjunction	105 °C	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Maximum number of PCI Express lanes	16	Intel 64	✓
PCI Express slots version	3.0	Execute Disable Bit	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Idle States	✓
Number of processors supported	1	Thermal Monitoring Technologies	✓
CPU multiplier (bus/core ratio)	25	Processor package size	31.0 x 24.0 (BGA1023)
ECC supported by processor	✗	Supported instruction sets	AVX
Memory		Processor code	SR0N0
Internal memory *	4 GB	CPU configuration (max)	1
Internal memory type	DDR3-SDRAM	Embedded options available	✗
Memory clock speed	1600 MHz	Graphics & IMC lithography	22 nm
Memory layout (slots x size)	1 x 4 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x SO-DIMM	Intel Identity Protection Technology version	1.00
Maximum internal memory *	8 GB	Intel Secure Key Technology version	1.00
Storage		Intel Virtualization Technology (VT-x)	✓
Total storage capacity *	500 GB	Intel Dual Display Capable Technology	✓
Storage media *	HDD	Intel FDI Technology	✓
Number of HDDs installed	1	Intel Rapid Storage Technology	✗
HDD capacity	500 GB	Intel Fast Memory Access	✓
HDD interface	SATA	Processor ARK ID	65708
HDD speed	5400 RPM	Conflict-Free processor	✓
Optical drive type *	DVD Super Multi DL	Integrated 4G WiMAX	✓
Card reader integrated	✓	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	Not available	Number of battery cells	6
On-board graphics card *	✓	Power	
Discrete graphics card *	✗	AC adapter power	65 W
On-board graphics card family	Intel® HD Graphics	AC adapter frequency	50 - 60 Hz
On-board graphics card model *	Intel® HD Graphics 4000	AC adapter input voltage	100 - 240 V
On-board graphics card base frequency	650 MHz	Power auto-sensing	✓
On-board graphics card dynamic frequency (max)	1100 MHz	DC-in jack	✓
On-board graphics card ID	0x166	Security	
Audio		Cable lock slot	✓
Built-in speaker(s)	✓	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	5 - 35 °C
Speakers manufacturer	Altec Lansing	Storage temperature (T-T)	-20 - 60 °C
Built-in microphone	✓	Operating relative humidity (H-H)	10 - 90%
Network		Storage relative humidity (H-H)	5 - 95%
Wi-Fi	✓	Operating altitude	-15 - 3048 m
Networking features	Fast Ethernet, WLAN	Non-operating altitude	-15 - 12192 m
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Sustainability	
Ethernet LAN	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Ethernet LAN data rates	10,100 Mbit/s	Weight & dimensions	
Bluetooth	✗	Width	376 mm
Cabling technology	10/100Base-T(X)	Depth	244 mm
Ports & interfaces			
USB 2.0 ports quantity *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		

Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Height	36.3 mm
HDMI ports quantity *	1	Weight *	2.48 kg
DVI port	✗	Packaging content	
VGA (D-Sub) ports quantity	1	AC adapter included *	✓
Headphone outputs	1	Cables included	AC
S/PDIF out port	✗	Manual	✓
Microphone in	✓	Quick start guide	✓
ExpressCard slot	✗	Other features	
CardBus PCMCIA slot type	✗	Maximum internal memory (64-bit)	8 GB
SmartCard slot	✗	Power supply type	AC/DC
Headphone connectivity	3.5 mm	Number of speakers	2
Microphone connectivity	3.5 mm		
Performance			
Motherboard chipset	Intel HM76 Express		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		



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