



HP Pavilion 17-g101au AMD A6 A6-6310 Laptop 17.3" HD+ 8 GB DDR3L-SDRAM 1 TB HDD Windows 10 Home Silver

Brand : HP

Product family: Pavilion

Article code: P4Y35PA

Product name : 17-g101au



AMD A6-6310, 8GB DDR3L, 1TB 5400rpm SATA, SuperMulti DVD, 17.3" HD+ WLED, AMD Radeon R4, B&O Play, Fast Ethernet, Wi-Fi 802.11ac, HDMI, USB 3.0/2.0, Windows 10 Home 64
HP Pavilion 17-g101au. Product type: Laptop, Form factor: Clamshell. Processor family: AMD A6, Processor model: A6-6310, Processor frequency: 1.8 GHz. Display diagonal: 17.3", HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 10 Home. Product color: Silver

Design		Processor special features	
Product type *	Laptop	Intel RealSense Snapshot	×
Product color *	Silver	Intel RealSense 3D Camera	×
Form factor *	Clamshell	Intel® Pro Wireless Display (Intel® Pro WiDi)	×
Country of origin	China	Intel® Wireless-AC Technology	×
Display		Intel® Built-in Visuals Technology	×
Display diagonal *	17.3"	Thunderbolt™ 3 Technology	×
Display resolution *	1600 x 900 pixels	Intel HD Graphics	×
Touchscreen *	×	Intel® Clear Video HD Technology (Intel® CVT HD)	×
HD type	HD+	Intel Clear Video Technology	×
Display number of colors	16.78 million colors	Intel® InTru™ 3D Technology	×
LED backlight	✓	Intel® Insider™	×
Native aspect ratio	16:9	Intel® Quick Sync Video Technology	×
Display surface	Gloss	Intel Flex Memory Access	×
Processor		Intel® Smart Cache	×
Processor manufacturer *	AMD	Intel QuickPath Interconnect	×
Processor family *	AMD A6	Intel® AES New Instructions (Intel® AES-NI)	×
Processor model *	A6-6310	Intel Trusted Execution Technology	×
Processor cores	4	Intel Enhanced Halt State	×
Processor threads	4	Intel VT-x with Extended Page Tables (EPT)	×
Processor boost frequency	2.4 GHz	Intel Demand Based Switching	×
Processor frequency *	1.8 GHz	Intel® Secure Key	×
Processor cache	2 MB	Intel TSX-NI	×
Processor cache type	L2	Intel Stable Image Platform Program (SIPP)	×
Memory		Intel® OS Guard	×
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	×
Internal memory type	DDR3L-SDRAM		
Memory clock speed	1600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	1 x 8 GB		
Maximum internal memory *	8 GB		
Storage			
Total storage capacity *	1 TB		

Storage		Processor special features	
Storage media *	HDD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	×
Total HDDs capacity	1 TB	Intel 64	×
Number of HDDs installed	1	Execute Disable Bit	×
HDD capacity	1 TB	Idle States	×
HDD interface	SATA	Thermal Monitoring Technologies	×
HDD speed	5400 RPM	UART	×
Optical drive type *	DVD Super Multi	Intel Virtualization Technology for Directed I/O (VT-d)	×
Card reader integrated	✓	True Key™	×
Compatible memory cards	SD, SDHC, SDXC	Intel Smart Idle Technology	×
Graphics		Intel Instruction Replay Technology	×
Discrete graphics card model *	Not available	Intel Secure Boot	×
On-board graphics card *	✓	Intel® Smart Sound Technology	×
Discrete graphics card *	×	Intel Virtualization Technology (VT-x)	×
On-board graphics card family	AMD Radeon R4	Intel Advanced Vector Extensions	×
On-board graphics card model *	AMD Radeon R4	Intel Dual Display Capable Technology	×
Number of discrete graphics cards supported	1	Intel HD Boost	×
Audio		Intel FDI Technology	×
Audio system	B&O PLAY	Intel I/O Acceleration Technology	×
Number of built-in speakers	2	Intel Power Management Technology	×
Speakers manufacturer	Bang & Olufsen	Intel QuickAssist Technology	×
Built-in microphone	✓	Intel Rapid Storage Technology	×
Camera		Intel® Unite™	×
Front camera	✓	Intel Unite installed	×
Front camera resolution	1280 x 720 pixels	Intel Fast Memory Access	×
Network		Intel® RealSense™ Technology with Long-Range Camera	×
Wi-Fi	✓	Short-Range Intel RealSense Camera	×
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Battery	
Ethernet LAN	✓	Battery technology	Lithium-Ion (Li-Ion)
Ethernet LAN data rates	10,100 Mbit/s	Number of battery cells	4
Bluetooth	✓	Battery capacity	2800 mAh
Bluetooth version	4.0	Battery capacity *	41 Wh
Near Field Communication (NFC)	×	Power	
WWAN	Not installed	AC adapter power	45 W
Ports & interfaces		AC adapter frequency	50 - 60 Hz
USB 2.0 ports quantity *	1	AC adapter input voltage	100 - 240 V
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	AC adapter output voltage	19 V
Ethernet LAN (RJ-45) ports	1	Power auto-sensing	✓
HDMI ports quantity *	1	DC-in jack	✓
DVI port	×	Security	
Headphone outputs	1	Cable lock slot	✓
S/PDIF out port	×	Cable lock slot type	Kensington
Combo headphone/mic port	✓	Password protection	✓
Docking connector	×	Operational conditions	
ExpressCard slot	×	Operating temperature (T-T)	5 - 35 °C
CardBus PCMCIA slot type	×	Storage temperature (T-T)	-15 - 60 °C
SmartCard slot	×	Operating relative humidity (H-H)	10 - 80%
Performance		Storage relative humidity (H-H)	10 - 90%
Accelerometer	✓	Operating altitude	0 - 120078.7" (0 - 3050 m)
Keyboard		Non-operating altitude	0 - 179921.3" (0 - 4570 m)
Pointing device	Touchpad		
Numeric keypad *	✓		
Island-style keyboard	✓		

Keyboard		Operational conditions	
Full-size keyboard	✓	Operating shock	40 G
Windows keys	✓	Non-operating shock	240 G
Software		Operating vibration	1.043 G
Operating system architecture	64-bit	Non-operating vibration	3.5 G
Operating system installed *	Windows 10 Home	Certificates	
Processor special features		Wi-Fi certified	✓
Intel® Wireless Display (Intel® WiDi)	✗	Compliance certificates	RoHS
Intel® My WiFi Technology (Intel® MWT)	✗	Sustainability	
Intel Smart Connect Technology	✗	Sustainability certificates	EPEAT Silver, ENERGY STAR
Intel® Anti-Theft Technology (Intel® AT)	✗	Weight & dimensions	
Intel® Rapid Start Technology	✗	Width	16.5" (419.3 mm)
Intel® Smart Response Technology	✗	Depth	11" (278.8 mm)
Intel® Identity Protection Technology (Intel® IPT)	✗	Height	1.09" (27.6 mm)
Intel® Hyper Threading Technology (Intel® HT Technology)	✗	Weight *	6.24 lbs (2.83 kg)
Intel® Turbo Boost Technology	✗	Packaging content	
Intel® Small Business Advantage (Intel® SBA)	✗	AC adapter included *	✓
Intel® Matrix Storage Technology (Intel® MST)	✗	Manual	✓
Intel® High Definition Audio (Intel® HD Audio)	✗	Quick start guide	✓
Intel® Active Management Technology (Intel® AMT)	✗	Warranty card	✓
Enhanced Intel SpeedStep Technology	✗	Power cord included	✓
Intel® RealSense Technology	✗	Other features	
		LightScribe	✗
		3D	✗
		Maximum internal memory (64-bit)	8 GB

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Publication date: 17-AUG-2025. Prints or copies of Information are only valid on the printed Publication date