



## HP 250 G4 Intel® Core™ i5 i5-5200U Komputer buku 39,6 cm (15.6") 4 GB DDR3L-RS-SDRAM 500 GB HDD Windows 8.1 Home Premium Hitam

Brand : HP

Product code: N0Y97ES

Product name : 250 G4

HP 250 G4. Jenis produk: Komputer buku, Faktor bentuk: Cangkerang. Keluarga pemproses: Intel® Core™ i5, Model pemproses: i5-5200U, Frekuensi pemproses: 2,2 GHz. Pepenjuru paparan: 39,6 cm (15.6"), Resolusi paparan: 1366 x 768 piksel. Memori dalaman: 4 GB, Jenis memori dalaman: DDR3L-RS-SDRAM. Kapasiti keseluruhan storan: 500 GB, Media simpanan: HDD, Jenis pemacu gentian kaca: Super Multi DVD. Model penyesuai grafik papan ibu: Intel® HD Graphics 5500. Sistem operasi yang dipasang: Windows 8.1 Home Premium. Product color: Hitam

Design		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product colour *	Black	DVI port	✗
Form factor *	Clamshell	VGA (D-Sub) ports quantity	1
Country of origin	China	Combo headphone/mic port	✓
Display		Docking connector	✗
Display diagonal *	39.6 cm (15.6")	Keyboard	
Display resolution *	1366 x 768 pixels	Pointing device	Touchpad
Touchscreen *	✗	Numeric keypad *	✓
LED backlight	✓	Island-style keyboard	✓
Native aspect ratio	16:9	Software	
Display surface	Matt	Operating system architecture	64-bit
Dual-screen	✗	Operating system installed *	Windows 8.1 Home Premium
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor generation	5th gen Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i5-5200U	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	2	Intel® Turbo Boost Technology	2.0
Processor threads	4	Intel® Small Business Advantage (Intel® SBA)	✓
Processor boost frequency	2.7 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	2.2 GHz	Intel® Built-in Visuals Technology	✓
System bus rate	5 GT/s	Intel HD Graphics	✓
Processor cache	3 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✓
Processor socket	BGA 1168	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Insider™	✓
Processor operating modes	32-bit, 64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel® Core™ i5-5200 Mobile Series	Intel Flex Memory Access	✓
Processor codename	Broadwell	Intel® Smart Cache	✗
Bus type	DMI2	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	F0	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	15 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	7.5 W	Intel® Secure Key	✓
Configurable TDP-down frequency	0.6 GHz		
Tjunction	105 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	2.0		
PCI Express configurations	4x1, 2x4		
Memory			
Internal memory *	4 GB		

Memory		Processor special features	
Internal memory type	DDR3L-RS-SDRAM	Intel® OS Guard	✓
Memory clock speed	1600 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory form factor	SO-DIMM	Intel 64	✓
Memory layout (slots x size)	1 x 4 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	500 GB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	40 x 24 x 1.3 mm
Number of HDDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD capacity	500 GB	Processor code	SR23Y
Optical drive type *	DVD Super Multi	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	SD, SDHC, SDXC	Graphics & IMC lithography	14 nm
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	Not available	Intel Identity Protection Technology version	1.00
On-board graphics card *	✓	Intel Smart Response Technology version	1.00
Discrete graphics card *	✗	Intel Secure Key Technology version	1.00
On-board graphics card family	Intel® HD Graphics	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card model *	Intel® HD Graphics 5500	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	300 MHz	Intel FDI Technology	✓
On-board graphics card dynamic frequency (max)	900 MHz	Intel Fast Memory Access	✓
Maximum on-board graphics card memory	16 GB	Processor ARK ID	85212
On-board graphics card DirectX version	11.2	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.3	Battery	
On-board graphics card ID	0x1616	Battery technology	Lithium-Ion (Li-Ion)
Graphics card Open GL support	✓	Number of battery cells	3
Audio		Battery capacity *	31 Wh
Number of built-in speakers	2	Power	
Built-in microphone	✓	AC adapter power	45 W
Camera		DC-in jack	✓
Front camera	✓	Weight & dimensions	
Network		Width	384.3 mm
Wi-Fi	✓	Depth	254.6 mm
Ethernet LAN	✓	Height	24.3 mm
Bluetooth	✓	Weight *	2.1 kg
Ports & interfaces			
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports	1		

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