HP

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

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Country of origin	China

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✘
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt
Dual-screen	✘

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	5th gen Intel® Core™ i5
Processor model *	i5-5200U
Processor cores	2
Processor threads	4
Processor boost frequency	2.7 GHz
Processor frequency *	2.2 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1168
Processor lithography	14 nm
Processor operating modes	32-bit, 64-bit
Processor series	Intel® Core™ i5-5200 Mobile Series
Processor codename	Broadwell
Bus type	DMI2
Stepping	F0
Thermal Design Power (TDP)	15 W
Configurable TDP-down	7.5 W
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

Ports & interfaces

HDMI ports quantity *	1
DVI port	✘
VGA (D-Sub) ports quantity	1
Combo headphone/mic port	✔
Docking connector	✘

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Island-style keyboard	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8.1 Home Premium

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Built-in Visuals Technology	✔
Intel HD Graphics	✔
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 Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔

Memory

Internal memory type	DDR3L-RS-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 4 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 5500
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	900 MHz
Maximum on-board graphics card memory	16 GB
On-board graphics card DirectX version	11.2
On-board graphics card OpenGL version	4.3
On-board graphics card ID	0x1616
Graphics card Open GL support	✔

Audio

Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Ethernet LAN	✔
Bluetooth	✔

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

Processor special features

Intel® OS Guard	✔
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	40 x 24 x 1.3 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR23Y
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Secure Key Technology version	1.00
Intel Small Business Advantage (SBA) version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel FDI Technology	✔
Intel Fast Memory Access	✔
Processor ARK ID	85212
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	31 Wh

Power

AC adapter power	45 W
DC-in jack	✔

Weight & dimensions

Width	384.3 mm
Depth	254.6 mm
Height	24.3 mm
Weight *	2.1 kg