HP

HP 250 G7 i5-8265U Notebook 39.6 cm (15.6") HD Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : HP

Product code: 6BP86EA

Product name : 250 G7

- Windows 10 Pro 64-bit
- Intel Core i5-8265U (6MB Cache, 1.6GHz)
- 39.6 cm (15.6") HD 1366 x 768
- 8GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD
Intel Core i5-8265U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 256GB SSD, 39.6 cm (15.6") HD 1366 x 768, DVD-RW, Intel UHD Graphics 620, LAN, WLAN, Bluetooth, HP Webcam, Windows 10 Pro 64-bit

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Budget friendly. Business ready.
Get connected with the value-priced HP 250 Notebook PC with the latest technology and a durable chassis that helps protect the notebook. Complete business tasks with Windows 10 Pro[1], Intel® processors[2], and essential collaboration tools.
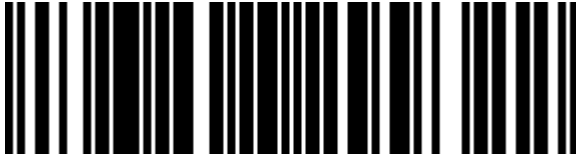
Design	
Product type *	Notebook
Product colour *	Black
Form factor *	Clamshell
Intel® vPro™ Platform Eligibility	✘
Country of origin	China

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✘
HD type	HD
Panel type	SVA
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	220 cd/m²
Display diagonal (metric)	39.6 cm
RGB colour space	sRGB
Colour gamut	67%
sRGB coverage (typical)	67%

Processor	
Processor manufacturer *	Intel
Processor generation	8th gen Intel® Core™ i5
Processor model *	i5-8265U
Processor family *	Intel® Core™ i5
Processor frequency *	1.6 GHz
Processor boost frequency	3.9 GHz
Processor threads	8
System bus rate	4 GT/s
Processor cores	4
Processor cache	6 MB
Processor cache type	L3
Processor socket	BGA 1528
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Whiskey Lake

Network	
WLAN controller manufacturer	Realtek
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.2

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	1.4b
Combo headphone/mic port	✔
Charging port type	DC-in jack

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Island-style keyboard	✔
Full-size keyboard	✔

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 10 Pro

Processor special features	
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
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)	✔

Processor

Bus type	OPI
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	1.8 GHz
Configurable TDP-up	25 W
Configurable TDP-down	10 W
Configurable TDP-down frequency	0.8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x4, 2x2
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2400 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	1x SO-DIMM
ECC	✘

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	NVMe
NVMe	✔
SSD form factor	M.2
Optical drive type *	DVD-RW
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® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.5
On-board graphics card ID	0x3EA0

Audio

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

Camera

Front camera	✔

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)

Processor special features

Intel Clear Video Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
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	46x24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	149088

Brand-specific features

HP speaker type	HP Dual Speakers
HP front camera	HP Webcam
HP segment	Business

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	41 Wh
Battery weight	180 g

Security

Cable lock slot	✔

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	376 mm
Depth	246 mm
Height	22.5 mm
Weight *	1.78 kg

Network

Antenna type	1x1
WLAN controller model	Realtek RTL8821CE

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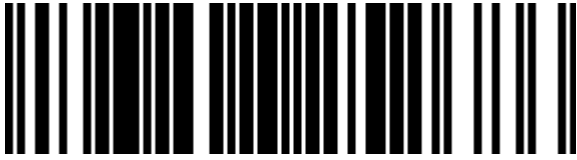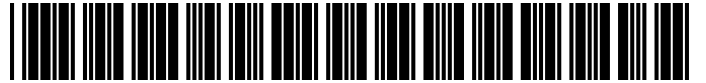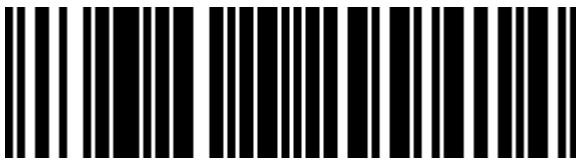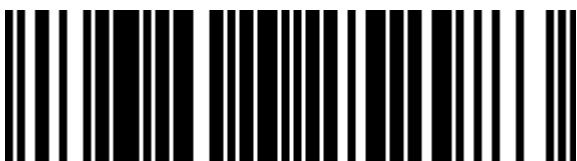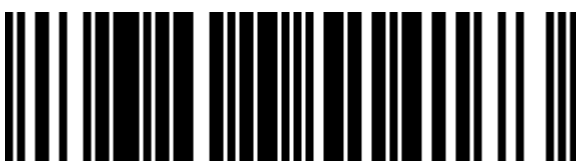
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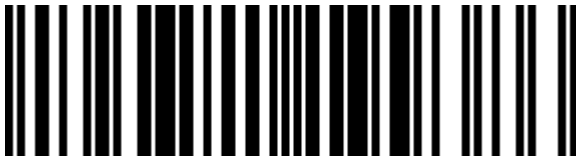
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