HP

HP ProBook 430 G7 Intel® Core™ i5 i5-10210U Laptop 33.8 cm (13.3") Full HD 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro Silver

Brand : HP   **Product family:** ProBook   **Product code:** 9HQ02ES

Product name : 430 G7

- Windows 10 Pro 64-bit
- Intel Core i5-10210U (6MB Cache, 1.6GHz)
- 33.8 cm (13.3") Full HD 1920 x 1080
- 16GB DDR4-SDRAM & 512GB SSD

Intel Core i5-10210U (6MB Cache, 1.6GHz), 16GB DDR4-SDRAM, 512GB SSD, 33.8 cm (13.3") Full HD 1920 x 1080, Intel UHD Graphics, LAN, Webcam, Windows 10 Pro 64-bit

HP ProBook 430 G7 Intel® Core™ i5 i5-10210U Laptop 33.8 cm (13.3") Full HD 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro Silver:

Business class power, affordably priced
Full-featured, thin, and light, the reliable HP ProBook 430 offers essential commercial features at an affordable price to every business. Automatic security solutions, powerful performance, and long battery life help keep your business productive.

Design

Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Business
Country of origin	China

Display

Display diagonal *	33.8 cm (13.3")
Display resolution *	1920 x 1080 pixels
HD type	Full HD
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	10th gen Intel® Core™ i5
Processor model *	i5-10210U
Processor cores	4
Processor threads	8
Processor boost frequency	4.2 GHz
Processor frequency *	1.6 GHz
System bus rate	4 GT/s
Processor cache	6 MB
Processor socket	BGA 1528
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Comet Lake
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2.1 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

Network

Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Combo headphone/mic port	✔

Keyboard

Pointing device	Clickpad
Numeric keypad *	✘
Spill-resistant keyboard	✔

Software

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

Processor special features

Intel® My WiFi Technology (Intel® MWT)	✔
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)	✔
Intel Clear Video Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔

Processor

PCI Express slots version	3.0
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
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
Number of execution units	24
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.5
On-board graphics card ID	0x9B41

Audio

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

Camera

Front camera	✔

Processor special features

Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
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 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	46 x 24 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	195436

Brand-specific features

HP speaker type	HP Dual Speakers
HP segment	Business

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	45 Wh

Weight & dimensions

Width	308.5 mm
Depth	231 mm
Height	18 mm

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