

Icecat Content Advanced

Product example

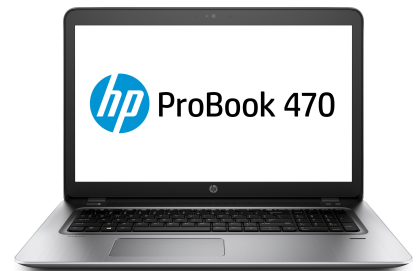
Master data

Short identifier

ProBook 470 G4 - 17.3" Notebook - Core i7 Mobile 2.7 GHz 43.9 cm

Short description

7th gen Intel® Core™ i7-7500U (4M Cache, 2.70 GHz), 8GB DDR4-SDRAM, 256GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080, Intel HD Graphics 620, NVIDIA GeForce 930MX 2GB GDDR3, DVD Super Multi DL, LAN, WLAN, WebCam, Windows 10 Pro 64-bit



Long identifier

HP ProBook 470 G4. Product type: Notebook, Form factor: Clamshell. Processor family: Intel Core i7, Processor model: i7-7500U, Processor frequency: 2.7 GHz. Display diagonal: 43.9 cm (17.3"), Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD, Optical drive type: DVD Super Multi DL. On-board graphics adapter model: Intel® HD Graphics 620. Operating system installed: Windows 10 Pro. Product colour: Silver

Manufacturer

HP Inc.

Category

Notebooks

Manufacturer article number

Y8B66EA#ABD

Features

Processor	
Processor manufacturer	Intel
Processor family	Intel Core i7
Processor generation	7th gen Intel® Core™ i7
Processor model	i7-7500U
Processor frequency	2,7 GHz
Processor boost frequency	3,5 GHz
Processor cores	2
Processor threads	4
System bus rate	4 GT/s
Processor cache	4 MB
Processor cache type	Smart Cache
Processor socket	BGA 1356
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Kaby Lake
Bus type	OPI
Stepping	H0
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2,9 GHz
Configurable TDP-up	25 W
Configurable TDP-down	7,5 W
Configurable TDP-down frequency	0,8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x2+2x1,1x4,2x2,4x1
ECC supported by processor	N

Network	
Bluetooth	Y
Wi-Fi	Y
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)

Wi-Fi standards	802.11a,Wi-Fi 5 (802.11ac),802.11b,802.11g,Wi-Fi 4 (802.11n)
Ethernet LAN	Y
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth version	4.2

Design

Product type	Notebook
Product colour	Silver
Form factor	Clamshell
Country of origin	China

Display

Display diagonal	43,9 cm
Display resolution	1920 x 1080 pixels
Touchscreen	N
HD type	Full HD
LED backlight	Y
Native aspect ratio	16:9

Memory

Internal memory	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 MHz
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory	16 GB

Storage

Total storage capacity	256 GB
Storage media	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
SSD form factor	M.2

Optical drive type	DVD Super Multi DL
Card reader integrated	Y
Compatible memory cards	SD,SDHC,SDXC

Software

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

Graphics

On-board graphics adapter	Y
Discrete graphics adapter	Y
Discrete graphics adapter model	NVIDIA® GeForce® 930MX
On-board graphics adapter family	Intel® HD Graphics
On-board graphics adapter model	Intel® HD Graphics 620
On-board graphics adapter base frequency	300 MHz
On-board graphics adapter dynamic frequency (max)	1050 MHz
Maximum on-board graphics adapter memory	32 GB
On-board graphics adapter DirectX version	12.0
On-board graphics adapter OpenGL version	4.4
On-board graphics adapter ID	0x5916
Discrete graphics adapter memory	2 GB
Discrete graphics memory type	GDDR3

Weight & dimensions

Weight	2,63 kg
Width	416,8 mm
Depth	280 mm
Height	25,8 mm

Brand-specific features

HP Sure Connect	Y
HP 3D DriveGuard	Y
HP ePrint	Y
HP Recovery Manager	Y
HP Support-Assistent	Y
HP Touchpoint Manager	Y

HP Security tools	HP Fingerprint Reader, HP Security Manager
Mitgelieferte HP Software	HP SoftPaq Download Manager
HP segment	Business

Ports & interfaces	
USB 2.0 ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
DVI port	N
VGA (D-Sub) ports quantity	1
Combo headphone/mic port	Y
Docking connector	N
Charging port type	DC-in jack

Keyboard	
Pointing device	Touchpad
Numeric keypad	Y
Spill-resistant keyboard	Y
Full-size keyboard	Y

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity (Watt-hours)	48 Wh
Battery life (max)	12,7 h

Power	
AC adapter power	65 W

Security	
Cable lock slot	Y
Fingerprint reader	Y
Trusted Platform Module (TPM)	Y

Audio	
Number of built-in speakers	2
Built-in microphone	Y

Camera	
Front camera	Y

Processor special features	
Intel® Wireless Display (Intel® WiDi)	Y
Intel® My WiFi Technology (Intel® MWT)	Y
Intel® Smart Response Technology	Y
Intel® Identity Protection Technology (Intel® IPT)	Y
Intel® Hyper Threading Technology (Intel® HT Technology)	Y
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	Y
Enhanced Intel SpeedStep Technology	Y
Intel® Clear Video HD Technology (Intel® CVT HD)	Y
Intel Clear Video Technology	Y
Intel® InTru™ 3D Technology	Y
Intel® Insider™	Y
Intel® Quick Sync Video Technology	Y
Intel Flex Memory Access	Y
Intel® AES New Instructions (Intel® AES-NI)	Y
Intel Trusted Execution Technology	N
Intel Enhanced Halt State	Y
Intel VT-x with Extended Page Tables (EPT)	Y
Intel® Secure Key	Y
Intel TSX-NI	N
Intel Stable Image Platform Program (SIPP)	N
Intel® OS Guard	Y
Intel Software Guard Extensions (Intel SGX)	Y
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	Y
Intel 64	Y
Execute Disable Bit	Y

Idle States	Y
Thermal Monitoring Technologies	Y
Processor package size	42 x 24
Supported instruction sets	AVX 2.0,SSE4.1,SSE4.2
Processor code	SR2ZV
CPU configuration (max)	1
Embedded options available	N
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	Y
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)	Y
Processor ARK ID	95451
Conflict-Free processor	Y

Sustainability

Sustainability certificates	ENERGY STAR
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Other features

Intel segment tagging	Home office, Small Business
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Images

High resolution, up to 5000 x 5000

