



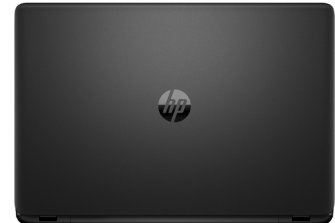
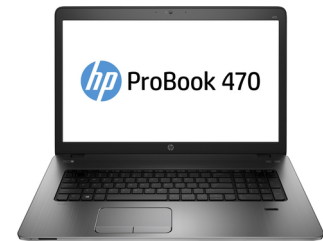
HP ProBook 470 G2 Intel® Core™ i5 i5-5200U Laptop 43,9 cm (17.3") Full HD 8 GB DDR3L-RS-SDRAM 1 TB HDD FreeDOS Black, Silver

Brand : HP

Product family: ProBook

Product code: L8A73ES

Product name : 470 G2



Intel Core i5-5200U (3M Cache, up to 2.70 GHz), 8GB DDR3L-SDRAM, 1TB HDD, 17.3" Full HD (1920 x 1080), Intel HD Graphics 5500, DVD Super Multi, LAN, Wi-Fi, Bluetooth, FreeDOS
HP ProBook 470 G2. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-5200U, Processor frequency: 2.2 GHz. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-RS-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: FreeDOS. Product colour: Black, Silver

Design		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product colour *	Black, Silver	DVI port	✗
Form factor *	Clamshell	VGA (D-Sub) ports quantity	1
Country of origin	China	Combo headphone/mic port	✓
Display		Docking connector	✗
Display diagonal *	43.9 cm (17.3")	Keyboard	
Display resolution *	1920 x 1080 pixels	Pointing device	Touchpad
Touchscreen *	✗	Numeric keypad *	✓
HD type	Full HD	Island-style keyboard	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system installed *	FreeDOS
Dual-screen	✗	Processor special features	
Processor		Intel® Wireless Display (Intel® WiDi)	✓
Processor manufacturer *	Intel	Intel® Smart Response Technology	✓
Processor family *	Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor generation	5th gen Intel® Core™ i5	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor model *	i5-5200U	Intel® Turbo Boost Technology	2.0
Processor cores	2	Intel® Small Business Advantage (Intel® SBA)	✓
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	2.7 GHz	Intel® Built-in Visuals Technology	✓
Processor frequency *	2.2 GHz	Intel HD Graphics	✓
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	3 MB	Intel Clear Video Technology	✓
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1168	Intel® Insider™	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	32-bit, 64-bit	Intel Flex Memory Access	✓
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		

Processor		Processor special features	
Configurable TDP-down frequency	0.6 GHz	Intel® Smart Cache	✗
Tjunction	105 °C	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	12	Intel Enhanced Halt State	✓
PCI Express slots version	2.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	4x1, 2x4	Intel® Secure Key	✓
Memory		Intel® OS Guard	✓
Internal memory *	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR3L-RS-SDRAM	Intel 64	✓
Memory clock speed	1600 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 8 GB	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	40 x 24 x 1.3 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	1 TB	Processor code	SR23Y
Storage media *	HDD	CPU configuration (max)	1
Total HDDs capacity	1 TB	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	14 nm
HDD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	DVD Super Multi	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Smart Response Technology version	1.00
Compatible memory cards	SD, SDHC, SDXC	Intel Secure Key Technology version	1.00
Graphics		Intel Small Business Advantage (SBA) version	1.00
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel FDI Technology	✓
Discrete graphics card *	✗	Intel Fast Memory Access	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	85212
On-board graphics card model *	Intel® HD Graphics 5500	Conflict-Free processor	✓
On-board graphics card base frequency	300 MHz	Battery	
On-board graphics card dynamic frequency (max)	900 MHz	Battery technology	Lithium-Ion (Li-Ion)
Maximum on-board graphics card memory	16 GB	Number of battery cells	6
On-board graphics card DirectX version	11.2	Battery capacity *	51 Wh
On-board graphics card OpenGL version	4.3	Power	
On-board graphics card ID	0x1616	AC adapter power	65 W
Graphics card Open GL support	✓	DC-in jack	✓
Audio		Weight & dimensions	
Built-in microphone	✓	Width	413.8 mm
Camera		Depth	279.5 mm
Front camera	✓	Height (front)	2.6 cm
Network		Height (rear)	3.22 cm
Wi-Fi	✓	Weight *	2.84 kg
Ethernet LAN	✓	Other features	
Bluetooth	✓	Intel segment tagging	Enterprise, Professional
Ports & interfaces			
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
Ethernet LAN (RJ-45) ports	1		

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