








	HP ProBook 250 G6	HP ProBook 250 G7	HP ProBook 430 G6	HP ProBook 430 G6	HP ProBook 450 G6	HP ProBook 450 G6	HP ProBook 450 G6	HP ProBook 470 G5	HP ProBook 470 G5	HP ProBook 470 G5	HP ProBook 440 X360	
	5JK85EA	6HM40EA	5PQ27EA	5PP30EA	5TK70EA	5PP62EA	5TK30EA	2RR89EA	2RR73EA	2UB67EA	4LS88EA	
PRICE	rec end-user ex VAT	€ 519	€ 519	€ 769	€ 829	€ 749	€ 849	€ 1 099	€ 979	€ 919	€ 1 149	€ 899
TYPE	form factor	Notebook	Notebook	Notebook	Notebook	Notebook	Notebook	Notebook	Notebook	Notebook	Notebook	Notebook
DISPLAY	size	15.6"	15.6"	13.3"	13.3"	15.6"	15.6"	15.6"	17.3"	17.3"	17.3"	14"
	resolution	HD - 1366 * 768	HD - 1366 * 768	HD - 1366 * 768	Full-HD - 1920 * 1080	Full-HD - 1920 * 1080	Full-HD - 1920 * 1080	Full-HD - 1920 * 1080	Full-HD - 1920 * 1080	Full-HD - 1920 * 1080	Full-HD - 1920 * 1080	Full-HD - 1920 * 1080
	technology	LED anti glare	LED anti glare	LED anti glare	LED anti glare IPS/UWVA	LED anti glare IPS/UWVA	LED anti glare IPS/UWVA	LED anti glare IPS/UWVA	LED anti glare IPS/UWVA	LED anti glare IPS/UWVA	LED anti glare IPS/UWVA	LED anti glare IPS/UWVA
CPU	CPU	Intel® Core™ i3-7020U	Intel® Core™ i3-7020U	Intel® Core™ i3-8145U	Intel® Core™ i5-8265U	Intel® Core™ i3-8145U	Intel® Core™ i5-8265U	Intel® Core™ i7-8565U	Intel® Core™ i5-8250U	Intel® Core™ i5-8250U	Intel® Core™ i7-8550U	Intel® Core™ i5-8250U
	Cores	2	2	2	4	2	4	4	4	4	4	4
	specs (max speed)	2.3 GHz, 3 MB cache	2.3 GHz, 3 MB cache	3.9 GHz, 4 MB SmartCache	3.9 GHz, 6 MB SmartCache	3.9 GHz, 4 MB SmartCache	3.9 GHz, 6 MB SmartCache	4.6 GHz, 8 MB SmartCache	3.4 GHz, 6 MB cache	3.4 GHz, 6 MB cache	3.7 GHz, 8 MB cache	3.4 GHz, 6 MB cache
	chipset	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor	Integrated with processor
	vPro	-	-	-	-	-	-	-	-	-	-	-
RAM	memory installed	4 GB	4 GB	8 GB	8 GB	8 GB	8 GB	16 GB	8 GB	8 GB	16GB	8 GB
	dimmm (total / free)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/1)	(2/0)	(2/1)
STORAGE	capacity	256 GB	256 GB	128 GB	256 GB	256 GB	256 GB	512 GB	1 TB	256 GB	512 GB	256 GB
	type	M.2 SATA SSD	M.2 SATA SSD	M.2 PCIe NVMe SSD	M.2 PCIe NVMe SSD	M.2 PCIe NVMe SSD	M.2 PCIe NVMe SSD	M.2 PCIe NVMe SSD	5400	solid-state drive	M.2 PCIe NVMe SSD	M.2 PCIe NVMe SSD
GRAPHICS	solution	Intel HD Graphics 620	Intel HD Graphics 620	Intel UHD Graphics 620	Intel UHD Graphics 620	Intel UHD Graphics 620	Intel UHD Graphics 620	Intel UHD Graphics 620	NVIDIA® GeForce® 930MX	NVIDIA® GeForce® 930MX	NVIDIA® GeForce® 930MX	Intel UHD Graphics 620
	dedicated memory	-	-	-	-	-	-	-	2 GB DDR3	2 GB DDR3	2 GB DDR3	-
	connector types	VGA / HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	VGA / HDMI	VGA / HDMI	VGA / HDMI	HDMI
MIL-STD	military tested	-	-	MIL-STD 810G	MIL-STD 810G	MIL-STD 810G	MIL-STD 810G	MIL-STD 810G	-	-	-	-
OS	OS installed	Windows 10 Home 64bit	Windows 10 Home 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit
	OS license included	-	-	-	-	-	-	-	-	-	-	-
CONNECT	RJ-45 / ethernet	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45
	Wireless LAN	Intel® Dual Band Wireless-AC 3168 802.11a/b/g/n/ac	Intel® Dual Band Wireless-AC 3168 802.11a/b/g/n/ac	Intel® 9560 802.11a/b/g/n/ac	Intel® 9560 802.11a/b/g/n/ac	Intel® 9560 802.11a/b/g/n/ac	Intel® 9560 802.11a/b/g/n/ac	Intel® 9560 802.11a/b/g/n/ac	Intel® 8265 802.11a/b/g/n/ac	Intel® 8265 802.11a/b/g/n/ac	Intel® 8265 802.11a/b/g/n/ac	Intel® 8265 802.11a/b/g/n/ac
	Bluetooth	-	-	-	-	-	-	-	-	-	-	-
	WWAN	-	-	-	-	-	-	-	-	-	-	-
	SIM card	-	-	-	-	-	-	-	-	-	-	-
DOCKING	dockable?	-	-	USB-c Universal Dock	USB-c Universal Dock	USB-c Universal Dock	USB-c Universal Dock	USB-c Universal Dock	USB-c Universal Dock	USB-c Universal Dock	USB-c Universal Dock	USB-c Universal Dock
OPTICAL	optical drive	Optical drive	Optical drive	-	-	-	-	-	-	-	-	-
KEYBOARD	backlit keyboard	-	-	-	-	-	-	-	-	-	-	-
	numeric keypad	numeric keypad	numeric keypad	-	-	numeric keypad	numeric keypad	numeric keypad	numeric keypad	numeric keypad	numeric keypad	-
WARRANTY	warranty (parts/labor/onsite)	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty	2/2/0 extended warranty
PORTS	USB-a 3.0	2	2	2	2	2	2	2	1	1	1	2
	USB-a 2.0	1	1	1	1	1	1	1	2	2	2	0
	USB-c	0	0	1	1	1	1	1	1	1	1	1
	extra	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC	media card reader SD, SDHC, SDXC
SECURITY	finger print reader	-	-	FPS	FPS	FPS	FPS	FPS	FPR	FPR	FPR	FPR
	TPM chip	TPM	TPM	TPM	TPM	TPM	TPM	TPM	TPM	TPM	TPM	TPM
	smart card reader	-	-	-	-	-	-	-	-	-	-	-
POWER	power supply	45W	45W	45W	45W	45W	45W	45W	65W	65W	65W	45W
	battery	31 Whr	31 Whr	45 Whr	45 Whr	45 Whr	45 Whr	45 Whr	48 Whr	48 Whr	48 Whr	48 Whr
	battery cells	3	3	3	3	3	3	3	3	3	3	3
	long life?	-	-	long life battery	long life battery	long life battery	long life battery	long life battery	long life battery	long life battery	long life battery	long life battery
	secondary battery connector	-	-	-	-	-	-	-	-	-	-	-
SOUND	solution	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers	2 integrated stereo speakers
WEBCAM	webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam
DIMENSIONS	Depth	253.8 mm	246 mm	231 mm	231 mm	256.9 mm	256.9 mm	256.9 mm	276 mm	276 mm	276 mm	232 mm
	Width	380 mm	376 mm	308.5 mm	308.5 mm	364.9 mm	364.9 mm	364.9 mm	413.8 mm	413.8 mm	413.8 mm	330 mm
	Height front	23.8 mm	22.5 mm	18 mm	18 mm	19 mm	19 mm	19 mm	22.5 mm	22.5 mm	22.5 mm	19.9 mm
	Height rear	23.8 mm	23.8 mm	18 mm	18 mm	19 mm	19 mm	19 mm	22.5 mm	22.5 mm	22.5 mm	19.9 mm
	Weight (starting at)	1.86 kg	1.78 kg	1.49 kg	1.49 kg	2 kg	2 kg	2 kg	2.5 kg	2.5 kg	2.5 kg	1.72 kg

**hp** Great 4 Small

**Notebook - Desktop - Tablet**  
**April 2019**

PRICE	rec end-user ex VAT
TYPE	form factor
KEYBOARD & MOUSE	keyboard included? mouse included?
DISPLAY	size resolution technology
CPU	CPU specs (max speed) chipset vPro
RAM	memory installed dimmm (total / free)
HDD	capacity rpm
GRAPHICS	solution dedicated memory connector types
OS	OS installed OS license included
MOUNT	wall-mountable?
CONNECT	RJ-45 / ethernet Wireless LAN Bluetooth
OPTICAL	optical drive
WARRANTY	warranty (parts/labor/onsite)
PORTS	USB 3.1 USB 2.0 serial / parallel ports PS2
	PCI / PCIe ports
	extra
DRIVE BAYS	external 5.25 (total / free) external 3.50 (total / free) internal 3.50 (total / free) internal 2.50 (total / free)
SECURITY	TPM chip
WEBCAM	webcam
POWER	power supply
SOUND	solution
DIMENSIONS	Depth Width Height front Weight (starting at)

				
HP ProDesk 400 G5 MT 4VF71EA	HP ProDesk 400 G4 DM 4VF48EA	HP ProDesk 400 G5 SFF 4VF69EA	HP ProDesk 400 G4 DM 5FY12EA	HP ProDesk 400 G5 MT 4VF70EA
€ 999	€ 745	€ 745	€ 999	€ 645
Micro Tower	Desktop Mini	Small Form Factor	Desktop Mini	Micro Tower
USB keyboard azerty USB mouse	USB slim keyboard azerty USB mouse	USB keyboard azerty USB mouse	USB keyboard azerty USB mouse	USB keyboard azerty USB mouse
-	-	-	-	-
Intel Core i7-8700 3.20 GHz, 12 MB cache Intel B360	Intel Core i5-8500T 2.10 GHz, 9 MB cache Intel Q370	Intel Core i5-8500 3.0 GHz, 9 MB cache Intel B360	Intel Core i5-8500T 2.10 GHz, 9 MB cache Intel Q370	Intel Core i5-8500 3.0 GHz, 9 MB cache Intel B360
16 (2/1) max 32GB	8 GB (2/1) max 32GB	8 GB (2/1) max 32GB	16GB (2/1) max 32GB	4 (2/0) max 32GB
512 GB SSD	256 GB SSD	256 GB SSD	512 GB SSD	500 HDD
Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630	Intel HD Graphics 630
VGA / DisplayPort	VGA / DisplayPort	VGA / DisplayPort	VGA / DisplayPort	VGA / DVI-D
Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit	Windows 10 Pro 64bit
-	-	-	-	-
RJ-45	RJ-45	RJ-45	RJ-45	RJ-45
-	-	-	-	-
-	-	-	-	-
Slim DVD+/-RW	-	-	-	Slim DVD+/-RW
2/2/2 extended warranty	2/2/2 extended warranty	2/2/2 extended warranty	2/2/2 extended warranty	2/2/2 extended warranty
2 (front), 2 (back) 4 (back), 1 (internal)	2 (front), 2 (back) 2 (back)	2 (front), 2 (back) 4 (back)	2 (front), 2 (back) 2 (back)	2 (front), 2 (back) 4 (back)
-	-	-	-	-
2	-	2	-	2
(1) M.2 PCIe x1 2230 (for WLAN)	(1) M.2 PCIe x1 2230 (for WLAN)	-	(1) M.2 PCIe x1 2230 (for WLAN)	(1) M.2 PCIe x1 2230 (for WLAN)
(1) M.2 PCIe x4 2280/2230 Combo (for storage)	(1) M.2 PCIe x4 2280/2230 Combo (for storage)	-	(1) M.2 PCIe x4 2280/2230 Combo (for storage)	(1) M.2 PCIe x4 2280/2230 Combo (for storage)
2x PCI Express v3.0 x1 1x PCIe x16 low profile M.2 PCIe, M.2 2230	-	PCI Express v3.0 x1 1x PCIe x16 low profile M.2 PCIe, M.2 2230	-	2x PCI Express v3.0 x1 1x PCIe x16 low profile M.2 PCIe, M.2 2230
(0/0)	-	(0/0)	-	(0/0)
(0/0)	-	(0/0)	-	(0/0)
(2/1)	-	(1/0)	-	(2/1)
(0/0)	(1/0)	(0/0)	(1/0)	(0/0)
TPM	TPM	TPM	TPM	TPM
-	-	-	-	-
180W	65W	180W	65W	180W
Conexant CX20632 codec	Conexant CX20632 codec	Conexant CX20632 codec	Conexant CX20632 codec	Conexant CX20632 codec
275 mm	177 mm	296 mm	177 mm	275 mm
170 mm	174.5 mm	95 mm	174.5 mm	170 mm
338 mm	342 mm	270 mm	342 mm	338 mm
5.47 kg	1.21 kg	4.6 kg	1.21 kg	5.47 kg