



HP ProBook 450 G6 + UltraSlim Docking Station Intel® Core™ i5 i5-8265U Laptop 39,6 cm (15.6") HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Zilver

Merk : HP

Productfamilie: ProBook

Artikelcode: 6BF78PA-SLIMDOCK

Productnaam : 450 G6 + UltraSlim Docking Station

HP ProBook 450 G6 + UltraSlim Docking Station. Producttype: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i5, Processormodel: i5-8265U, Frequentie van processor: 1,6 GHz. Beeldscherm diagonaal: 39,6 cm (15.6"), HD type: HD, Resolutie: 1366 x 768 Pixels. Intern geheugen: 8 GB, Intern geheugentype: DDR4-SDRAM. Totale opslagcapaciteit: 256 GB, Opslagmedia: SSD. On-board graphics adapter model: Intel® UHD Graphics. Inclusief besturingssysteem: Windows 10 Pro. Kleur van het product: Zilver



Design		Netwerk	
Producttype *	Laptop	Bluetooth-versie	5.0
Kleur van het product *	Zilver	Miracast	✓
Vormfactor *	Clamshell	Poorten & interfaces	
Markt positionering	Bedrijf	Aantal USB 2.0-poorten *	1
Land van herkomst	China	Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	2
Beeldscherm		Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type C *	1
Beeldscherm diagonaal *	39,6 cm (15.6")	Aantal Ethernet LAN (RJ-45)-poorten	1
Resolutie *	1366 x 768 Pixels	Aantal HDMI-poorten *	1
Touchscreen *	✗	HDMI versie	1.4b
HD type	HD	Combo koptelefoon/microfoon port	✓
Soort paneel	SVA	Toetsenbord	
LED backlight	✓	Aanwijssapparaat	Clickpad
Oorspronkelijke beeldverhouding	16:9	Numeriek toetsenblok *	✓
Dubbele scherm	✗	Keyboard met achtergrondverlichting	✓
Processor		Morsbestendig toetsenbord	✓
Processorfabrikant *	Intel	Full-size toetsenbord	✓
Processorfamilie *	Intel® Core™ i5	Windows-toetsen	✓
Processorgeneratie	Intel® 8de generatie Core™ i5	Software	
Processormodel *	i5-8265U	Architectuur besturingssysteem	64-bit
Aantal processorkernen	4	Inclusief besturingssysteem *	Windows 10 Pro
Processor aantal threads	8	Processor speciale functies	
Maximale turbofrequentie van processor	3,9 GHz	Intel My WiFi Technology	✓
Frequentie van processor *	1,6 GHz	Intel® Smart Response Technology	✓
Systeembus	4 GT/s	Intel Identity Protection Technology	✓
Processor cache	6 MB	Intel Hyper-Threading Technology	✓
Type processorgeheugen	Smart Cache	Intel® Turbo Boost Technology	2.0
Processor socket	BGA 1528	Enhanced Intel SpeedStep Technology	✓
Processor lithografie	14 nm	Intel Clear Video HD Technology	✓
Processor operating modes	64-bit	Intel® Clear Video-technologie	✓
Codenaam processor	Whiskey Lake		
Bus type	OPI		
Thermal Design Power (TDP)	15 W		
Configureerbare TDP-upfrequentie	1,8 GHz		

Processor		Processor speciale functies	
Configureerbare TDP-up	25 W	Intel® Quick Sync Video Technology	✓
Configureerbare TDP-down	10 W	Intel Flex Memory Access	✓
Configureerbare TDP-downfrequentie	0,8 GHz	Intel AES New Instructions	✓
Tjunction	100 °C	Intel Trusted Execution Technology	✗
Maximaal aantal PCI Express-lijnen	16	Intel Enhanced Halt State	✓
PCI Express slots versie	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configuraties	1x4, 2x2	Intel Secure Key	✓
ECC ondersteund door processor	✗	Intel TSX-NI	✗
Geheugen		Intel Stable Image Platform Program (SIPP)	✗
Intern geheugen *	8 GB	OS Guard	✓
Intern geheugentype	DDR4-SDRAM	Intel® Software Guard Extensions (Intel® SGX)	✓
Kloksnelheid geheugen	2400 MHz	Intel Clear Video Technology for MID	✓
Geheugen form factor	SO-DIMM	Intel® 64	✓
Geheugenlayout	1 x 8 GB	Execute Disable Bit	✓
Geheugenslots	2x SO-DIMM	Idle States	✓
Maximum intern geheugen *	32 GB	Thermal Monitoring Technologies	✓
Opslagmedia		Verpakkingsgrootte processor	46x24 mm
Totale opslagcapaciteit *	256 GB	Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2
Opslagmedia *	SSD	CPU configuratie (max)	1
Aantal geïnstalleerde SSD's	1	Ingebouwde opties beschikbaar	✗
Solid State Drive (SSD) capaciteit	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Solid State Drive (SSD) interfaces	NVMe, PCI Express	Versie Intel® Identity Protection Technology	1,00
NVMe	✓	Versie Intel® Smart Response Technology	1,00
Soort optische drive *	✗	Versie Intel® Stable Image Platform Program (SIPP)	0,00
Geïntegreerde geheugenkaartlezer	✓	Versie Intel® Secure Key Technology	1,00
Compatibele geheugenkaarten	SD, SDHC, SDXC	Versie Intel® TSX-NI	0,00
Grafisch		Intel® Virtualization Technology (VT-x)	✓
Discreet grafische adapter model *	Niet beschikbaar	ARK ID processor	149088
Ingebouwde grafische adapter *	✓	Accu/Batterij	
Aparte grafische adapter *	✗	Energie-opslagtechnologie accu/batterij	Lithium-Ion (Li-Ion)
Familie ingebouwde grafische adapter	Intel® UHD Graphics	Aantal cellen in de batterij	3
On-board graphics adapter model *	Intel® UHD Graphics	Accu/Batterij capaciteit *	45 Wh
Basisfrequentie ingebouwde grafische adapter	300 MHz	Energie	
Graphics on-board -adapter dynamische frequentie (max)	1100 MHz	AC-adapter, vermogen	65 W
Maximaal geheugen ingebouwde grafische adapter	32 GB	Aansluiting voor netstroomadapter	✓
On-board grafische adapter DirectX-versie	12.0	Beveiliging	
On-board grafische adapter OpenGL versie	4.5	Bevestigingsmogelijkheid voor kabelslot	✓
On-board grafische adapter ID	0x3EA0	Vingerafdruklezer	✓
Audio		Trusted Platform Module (TPM)	✓
Aantal ingebouwde luidsprekers	2	Wachtwoordbeveiliging	✓
Ingebouwde microfoon	✓	Password bescherming	Inschakelen
Aantal microfoons	1	Duurzaamheid	
Camera		Duurzaamheidscertificaten	ENERGY STAR
Camera voorzijde	✓	Gewicht en omvang	
Signaalformaat camera voorkant	720p	Breedte	364,9 mm
Voorcamera HD-type	HD	Diepte	256,9 mm
Netwerk		Hoogte	19 mm
Wi-Fi	✓		
Hoogste Wi-Fi-standaard *	Wi-Fi 5 (802.11ac)		
Wi-Fi-standaarden	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)		

Netwerk		Gewicht en omvang	
Soort antenne	2x2	Gewicht *	2 kg
WLAN-controller-model	Intel Dual Band Wireless-AC 9560	Inhoud van de verpakking	
Ethernet LAN	✓	Inclusief AC-adapter *	✓
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s		
Bluetooth	✓		

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