



HP ProBook 440 G1 Intel® Core™ i5 i5-4200M Laptop 35,6 cm (14") 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Zwart, Zilver

Merk : HP

Productfamilie: ProBook

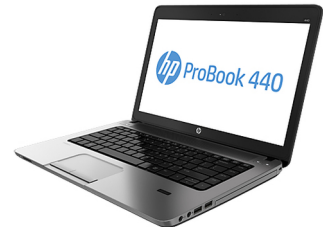
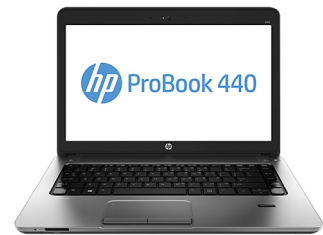
Artikelcode: C7N87AV

Productnaam : 440 G1

Intel Core i5-4200M 2.5GHz, Intel HM87, 4GB 1600MHz DDR3 SDRAM, 500GB 5400 rpm SATA, Intel HD 4600, DVD SuperMulti DL, 14" LED 1366 x 768, Gigabit LAN, WLAN, Bluetooth, Windows 7 Professional 64-bit / Windows 8.1 Pro

HP ProBook 440 G1 Intel® Core™ i5 i5-4200M Laptop 35,6 cm (14") 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Zwart, Zilver:

Voldoe aan de vereisten van uw werk. Een HP ProBook die overal werkt waar dat nodig is. Hij is van binnen en van buiten duurzaam ontworpen, beschikt over ingebouwde beveiliging en een morsbestendig toetsenbord. Dankzij het compacte, elegante model is hij gemakkelijker mee te nemen.



Design		Poorten & interfaces	
Type product *	Laptop	Type CardBus PCMCIA-slot	✗
Kleur van het product *	Zwart, Zilver	SmartCard-slot	✗
Vormfactor *	Clamshell	Prestatie	
Land van herkomst	China	Chipset moederbord	Intel® HM87
Beeldscherm		Toetsenbord	
Beeldscherm diagonaal *	35,6 cm (14")	Aanwijsapparaat	Touchpad
Resolutie *	1366 x 768 Pixels	Numeriek toetsenblok *	✗
Touchscreen *	✗	Morsbestendig toetsenbord	✓
HD type	Niet ondersteund	Full-size toetsenbord	✓
LED backlight	✓	Software	
Oorspronkelijke beeldverhouding	16:9	Architectuur besturingssysteem	64-bit
Beeldoppervlakte	Mat	Herstel besturingssysteem	Windows 8.1 Pro
Processor		Inclusief besturingssysteem *	Windows 7 Professional
Processorfabrikant *	Intel	Processor speciale functies	
Processorfamilie *	Intel® Core™ i5	Intel® Wireless Display (Intel® WiDi)	✓
Processorgeneratie	Vierde generatie Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✗
Processormodel *	i5-4200M	Intel® Anti-Theft Technology (Intel® AT)	✓
Aantal processorkernen	2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor aantal threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Maximale turbofrequentie van processor	3,1 GHz	Intel® Turbo Boost Technology	2.0
Frequentie van processor *	2,5 GHz	Enhanced Intel SpeedStep Technology	✓
Systeembus	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	3 MB	Intel® Clear Video-technologie	✗
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	PGA946	Intel® Insider™	✓
Processor lithografie	22 nm		
Processor operating modes	64-bit		
Processorserie	Intel Core i5-4200 Mobile series		
Codenaam processor	Haswell		
Bus type	DMI		
FSB Parity	✗		
Stepping	C0		

Processor		Processor speciale functies	
Thermal Design Power (TDP)	37 W	Intel® Quick Sync Video Technology	✓
Tjunction	100 °C	Intel® Flex Memory Access	✗
Maximaal aantal PCI Express-lijnen	16	Intel® Smart Cache	✓
PCI Express slots versie	3.0	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configuraties	1x16, 2x8, 1x8+2x4	Intel® Trusted Execution Technology	✗
ECC ondersteund door processor	✗	Intel® Enhanced Halt State	✗
Geheugen		Intel® VT-x with Extended Page Tables (EPT)	✓
Intern geheugen *	4 GB	Intel® Demand Based Switching	✗
Intern geheugentype	DDR3-SDRAM	Intel® Secure Key	✓
Kloksnelheid geheugen	1600 MHz	Intel® TSX-NI	✗
Geheugenlayout	1 x 4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	✗
Geheugenslots	2x SO-DIMM	Intel® 64	✓
Opslagmedia		Execute Disable Bit	✓
Totale opslagcapaciteit *	500 GB	Idle States	✓
Opslagmedia *	HDD	Thermal Monitoring Technologies	✓
Het aantal geïnstalleerde HDD's	1	Verpakkingsgrootte processor	37.5 x 37.5 x 4.7 mm
HDD capaciteit	500 GB	Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2
HDD interface	SATA	Processorcode	SR1HA
HDD rotatiesnelheid	7200 RPM	CPU configuratie (max)	1
Soort optische drive *	DVD Super Multi DL	Ingebouwde opties beschikbaar	✗
Geïntegreerde geheugenkaartlezer	✓	Intel® Virtualization Technology for Directed I/O (VT-d)	✗
Compatibele geheugenkaarten	SD	Versie Intel® Identity Protection Technology	1,00
Grafisch		Versie Intel® Secure Key Technology	1,00
Discreet grafische adapter model *	Niet beschikbaar	Versie Intel® TSX-NI	0,00
Ingebouwde grafische adapter *	✓	Intel® Virtualization Technology (VT-x)	✓
Aparte grafische adapter *	✗	Intel® Dual Display Capable Technology	✗
Familie ingebouwde grafische adapter	Intel® HD Graphics	Intel® FDI Technology	✗
On-board graphics adapter model *	Intel® HD Graphics 4600	Intel® Rapid Storage Technology	✗
Basisfrequentie ingebouwde grafische adapter	400 MHz	Intel® Fast Memory Access	✗
Graphics on-board -adapter dynamische frequentie (max)	1150 MHz	ARK ID processor	76348
Maximaal geheugen ingebouwde grafische adapter	1,74 GB	Conflictvrije processor	✓
On-board grafische adapter DirectX-versie	11.1	Accu/Batterij	
On-board grafische adapter ID	0x416	Batterijtechnologie	Lithium-Ion (Li-Ion)
Audio		Aantal batterijcellen	6
Audiosysteem	DTS Sound+	Batterijcapaciteit *	47 Wh
Ingebouwde microfoon	✓	Levensduur accu/batterij	9,25 uur
Camera		Energie	
Camera voorzijde	✓	AC-adapter, vermogen	65 W
Netwerk		Aansluiting voor netstroomadapter	✓
Wifi	✓	Beveiliging	
Wi-Fi-standaarden	802.11a, 802.11b, 802.11g	Bevestigingsmogelijkheid voor kabelslot	✓
Ethernet LAN	✓	Duurzaamheid	
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s	Duurzaamheidscertificaten	ENERGY STAR
Bluetooth	✓	Gewicht en omvang	
Bluetooth-versie	4.0	Breedte	339,2 mm
Poorten & interfaces		Diepte	238,5 mm
Aantal USB 2.0-poorten *	2	Hoogte	22,4 mm
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	2		
Aantal Ethernet LAN (RJ-45)-poorten	1		
Aantal HDMI-poorten *	1		

Poorten & interfaces		Gewicht en omvang	
DVI-poort	×	Gewicht *	1,97 kg
VGA (D-Sub)poort(en)	1	Inhoud van de verpakking	
Hoofdtelefoonuitgangen	1	Inclusief AC-adapter *	✓
S/PDIF-uitgang	×	Gebruikershandleiding	✓
Microfoon, line-in ingang	✓	Garantiekarta	✓
Basisstationaansluiting	×	Overige specificaties	
ExpressCard slot	×	LightScribe	×
		Intel® segment tagging	Enterprise, Zakelijk



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