



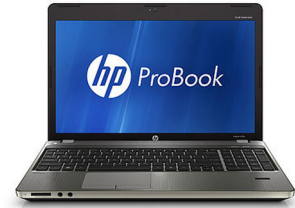
HP ProBook 4530s Intel® Core™ i5 i5-2410M 39,6 cm (15.6") DDR3-SDRAM HDD

Marke : HP

Produktfamilie: ProBook

Artikel-Code: XU073UT

Produktname : 4530s



HP ProBook 4530s. Formfaktor: Klappgehäuse. Prozessorfamilie: Intel® Core™ i5, Prozessor: i5-2410M, Prozessor-Taktfrequenz: 2,3 GHz. Bildschirmdiagonale: 39,6 cm (15.6"), Bildschirmauflösung: 1366 x 768 Pixel. Interner Speichertyp: DDR3-SDRAM. Speichermedien: HDD. On-board Grafik Modell: Intel® HD Graphics 3000. Gewicht: 2,36 kg

Design		Anschlüsse und Schnittstellen	
Formfaktor *	Klappgehäuse	CardBus PCMCIA Slot Typ	×
Ursprungsland	China	SmartCard-Slot	×
Bildschirm		Modem (RJ-11) Port	1
Bildschirmdiagonale *	39,6 cm (15.6")	Leistung	
Bildschirmauflösung *	1366 x 768 Pixel	Motherboard Chipsatz	Intel® HM65 Express
LED-Hintergrundbeleuchtung	✓	Tastatur	
Native Seitenverhältnis	16:9	Numerisches Keypad *	✓
Prozessor		Full-size Tastatur	✓
Prozessorhersteller *	Intel	Prozessor Besonderheiten	
Prozessorfamilie *	Intel® Core™ i5	Intel Wireless Display (WiDi) Technologie	✓
Prozessorgeneration	Intel® Core™ i5 der zweiten Generation	Intel My WiFi Technologie	✓
Prozessor *	i5-2410M	Intel Anti-Theft Technologie	✓
Anzahl Prozessorkerne	2	Intel Identity Protection Technologie	✓
Prozessor-Threads	4	Intel Hyper-Threading Technologie	✓
Prozessor Boost-Taktung	2,9 GHz	Intel® Turbo-Boost-Technologie	2.0
Prozessor-Taktfrequenz *	2,3 GHz	Verbesserte Intel SpeedStep Technologie	✓
System-Bus	5 GT/s	Intel Clear Video HD Technologie	✓
Prozessor-Cache	3 MB	Intel® Clear Video Technologie	×
Prozessor Cache Typ	Smart Cache	Intel® InTru™ -3D-Technik	✓
Prozessorsockel	BGA 1023	Intel® Insider™	×
Prozessor Lithografie	32 nm	Intel® Quick Sync Video Technologie	✓
Prozessorbetriebsmodi	64-Bit	Intel Flex Memory Access	✓
Prozessor-Serien	Intel Core i5-2400 Mobile Series	Intel® Smart Cache	✓
Prozessor Codename	Sandy Bridge	Intel AES New Instructions	×
Bus typ	DMI	Intel Trusted Execution Technology	×
FSB Gleichwertigkeit	×	Intel Enhanced Halt State	✓
Stepping	J1	Intel VT-x mit Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	35 W	Intel Demand Based Switching	×
Tjunction	100 °C	Intel Clear Video Technologie für MID	×
Maximale Anzahl der PCI-Express-Lanes	16	Intel® 64	✓
PCI-Express-Slots-Version	2.0	Execute Disable Bit	✓
PCI Express Konfigurationen	1x8, 1x16, 2x4, 2x8	Leerlauf Zustände	✓
CPU-Multiplikator (Bus-/Kernverhältnis)	23	Thermal-Überwachungstechnologien	✓
ECC vom Prozessor unterstützt	×	Speicher	
		Interner Speichertyp	DDR3-SDRAM

Speicher		Prozessor Besonderheiten	
Speichertaktfrequenz	1333 MHz	Prozessor-Paketgröße	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Speichersteckplätze	2x SO-DIMM	Unterstützte Befehlssätze	AVX
RAM-Speicher maximal *	8 GB	Eingebettete Optionen verfügbar	✗
Speichermedien		Graphics & IMC lithography	32 nm
Speichermedien *	HDD	Intel Virtualization Technology für adressierten E/A (VT-d)	✗
Festplatten-Schnittstelle	SATA II	Intel® Identity Protection Technologieversion	1,00
Integrierter Kartenleser	✓	Intel® Virtualization Technologie (VT-X)	✓
Grafik		Intel Dual Display Capable Technology	✓
Eingebaute Grafikkarte *	✓	Intel FDI Technology	✓
On-Board-Grafikkartenfamilie	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board Grafik Modell *	Intel® HD Graphics 3000	Intel Fast Memory Access	✓
On-Board Grafikkarte Basisfrequenz	650 MHz	ARK Prozessorerkennung	52224
Maximale dynamische Frequenz der On-Board Grafikkarte	1200 MHz	Konfliktloser-Prozessor	✗
On-Board Grafikkarte Geräte-ID	0x116	4G WiMAX integriert	✓
Audio		Batterie	
Audio Chip	SRS PS	Batterietechnologie	Lithium-Ion (Li-Ion)
Anzahl eingebauter Lautsprecher	2	Energie	
Eingebautes Mikrofon	✓	Netzteilstärke	65 W
Netzwerk		DC-Anschluss	✓
WLAN	✓	Sicherheit	
WLAN-Standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Kabelsperr-Slot	✗
Eingebauter Ethernet-Anschluss	✓	Betriebsbedingungen	
Ethernet LAN Datentransferraten	10,100,1000 Mbit/s	Temperaturbereich in Betrieb	5 - 35 °C
Bluetooth	✓	Sustainability	
Verkabelungstechnologie	10/100/1000Base-T(X)	Nachhaltigkeitszertifikate	ENERGY STAR
Anschlüsse und Schnittstellen		Gewicht & Abmessungen	
Anzahl USB 2.0 Anschlüsse *	3	Breite	374 mm
USB 3.2 Gen 1 (3.1 Gen 1) Anzahl der Anschlüsse vom Typ A *	1	Tiefe	256 mm
Anzahl Ethernet LAN (RJ-45) Anschlüsse	1	Höhe	28,7 mm
Anzahl HDMI Anschlüsse *	1	Gewicht *	2,36 kg
DVI Anschluss	✗	Weitere Spezifikationen	
Anzahl VGA (D-Sub) Anschlüsse	1	Infrarotport	✗
Kopfhörerausgänge	1	Graphics chipset	AMD, Intel
S/PDIF-out Anschluss	✗	Intel® Segmentkennzeichnung	Unternehmen
Mikrofon, Line-In Anschluss	✓		
ExpressCard-Slot	✓		

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