



HP Intel Core i5-2520M Prozessor 2,5 GHz 3 MB Smart Cache

Marke : HP

Artikel-Code: 631253-001

Produktname : Intel Core i5-2520M

HP Intel Core i5-2520M. Prozessorfamilie: Intel® Core™ i5, Prozessorsockel: PGA988, Prozessor Lithografie: 32 nm. Speicherkanäle: Zweikanalig, Maximum internal memory supported by processor: 16 GB, Memory types supported by processor: DDR3-SDRAM. On-board Grafik Modell: Intel® HD Graphics 3000, On-board graphics card outputs supported: DisplayPort, Embedded DisplayPort (eDP), HDMI, Serial Digital Video Out (SDVO), On-board graphics card base frequency: 650 MHz. Market segment: Mobil, PCI Express configurations: 1x16, 1x8+2x4, 2x8, Supported instruction sets: AVX. Kompatibilität: EliteBook 2560p ProBook 4530s PAVILION DV6T-6B00

Prozessor		Features	
Prozessorgeneration	Intel® Core™ i5 der zweiten Generation	Maximale Anzahl der PCI-Express-Lanes	16
Prozessor *	i5-2520M	PCI Express slots version	2.0
Grundfrequenz des Prozessors *	2,5 GHz	PCI Express configurations	1x16, 1x8+2x4, 2x8
Prozessorfamilie *	Intel® Core™ i5	Supported instruction sets	AVX
Anzahl der Prozessorkerne *	2	CPU configuration (max)	1
Prozessorsockel *	PGA988	Embedded options available	✗
Component for	Laptop	Prozessor Besonderheiten	
Prozessor Lithografie *	32 nm	Intel Anti-Theft Technology	✓
Prozessor-Serien	Intel Core i5-2500 Mobile Series	Intel Hyper-Threading Technology	✓
Prozessor-Threads	4	Intel Identity Protection Technology	✓
System-Bus	5 GT/s	Intel My WiFi Technology	✓
Processor operating modes *	64-Bit	Intel® Turbo-Boost-Technologie	2.0
Max. Turbo-Taktfrequenz des Prozessor	3,2 GHz	Intel® Quick Sync Video Technology	✓
Processor cache	3 MB	Intel® InTru™-3D-Technik	✓
Prozessor Cache Typ	Smart Cache	Intel Wireless Display (WiDi) Technology	✓
Thermal Design Power (TDP)	35 W	Intel FDI Technology	✓
Stepping	J1	Intel Clear Video HD Technology	✓
Bus type	DMI	Intel Dual Display Capable Technology	✓
Durch den Prozessor (max) unterstützte Speicherbandbreite	21,3 GB/s	Intel Fast Memory Access	✓
Speicher		Intel Flex Memory Access	✓
Maximaler interner Speicher, vom Prozessor unterstützt	16 GB	Intel AES New Instructions	✓
Speichertypen, vom Prozessor unterstützt	DDR3-SDRAM	Enhanced Intel SpeedStep Technologie	✓
Speichertaktraten, vom Prozessor unterstützt	1066,1333 MHz	Intel Trusted Execution Technology	✓
Speicherkanäle *	Zweikanalig	Intel VT-x with Extended Page Tables (EPT)	✓
ECC	✗	Intel Demand Based Switching	✗
Grafik		Intel® 64	✓
On-board graphics adapter *	✓	Intel® Virtualization Technologie (VT-X)	✓
On-board Grafik Modell *	Intel® HD Graphics 3000	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
On-Board Grafikadapter unterstützte Ausgänge	DisplayPort, Embedded DisplayPort (eDP), HDMI, Serial Digital Video Out (SDVO)	Konfliktloser-Prozessor	✓
On-Board Grafikadapter Basisfrequenz	650 MHz	Intel® vPro™ Platform Eligibility	✓
Maximale dynamische Frequenz der On-Board Grafikadapter	1300 MHz	Betriebsbedingungen	
Anzahl an unterstützten Displays (On-Board-Grafik)	2	Tjunction	100 °C
Features		Weitere Spezifikationen	
Execute Disable Bit	✓	Kompatibilität	EliteBook 2560p ProBook 4530s PAVILION DV6T-6B00

Features	
Idle States	✓
Thermal Monitoring Technologies	✓
4G WiMAX integriert	✓
Marktsegment	Mobil

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