



HP Intel Core i5-3570 Prozessor 3,4 GHz 6 MB L3 Einschub

Marke : HP

Artikel-Code: 688162-001

Produktname : Intel Core i5-3570



HP Intel Core i5-3570. Prozessorfamilie: Intel® Core™ i5, Prozessorsockel: LGA 1155 (Socket H2), Prozessor Lithografie: 22 nm. Speicherkanäle: Zweikanalig, Maximaler interner Speicher, vom Prozessor unterstützt: 32 GB, Speichertypen, vom Prozessor unterstützt: DDR3-SDRAM. Eingebautes Grafikkartenmodell: Intel® HD Graphics 2500, On-Board Grafikadapter Basisfrequenz: 650 MHz, Maximale dynamische Frequenz der On-Board Grafikadapter: 1150 MHz. PCI Express Konfigurationen: 1x16, 2x8, 1x8+2x4, Unterstützte Befehlssätze: AVX, SSE4.1, SSE4.2. Intel® Virtualisierungstechnik (Intel® VT): VT-d, VT-x

Prozessor		Merkmale	
Prozessorgeneration	Intel® Core™ i5 der dritten Generation	PCI-Express-Slots-Version	3.0
Prozessor *	i5-3570	PCI Express Konfigurationen	1x16, 2x8, 1x8+2x4
Grundfrequenz des Prozessors *	3,4 GHz	Unterstützte Befehlssätze	AVX, SSE4.1, SSE4.2
Prozessorfamilie *	Intel® Core™ i5	Eingebettete Optionen verfügbar	✗
Anzahl Prozessorkerne *	4	Prozessor Besonderheiten	
Prozessorsockel *	LGA 1155 (Socket H2)	Intel® Anti-Theft Technologie (Intel® AT)	✓
Prozessor Lithografie *	22 nm	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✗
Prozessor-Threads	4	Intel® Identity-Protection-Technologie (Intel® IPT)	✓
Systembus-Rate	5 GT/s	Intel® Turbo-Boost-Technologie	2.0
Prozessorbetriebsmodi *	64-Bit	Intel® Quick-Sync-Video-Technik	✓
Prozessor Boost-Frequenz	3,8 GHz	Intel® InTru™ 3D Technologie	✓
Prozessor-Cache	6 MB	Intel® Wireless-Display (Intel® WiDi)	✓
Prozessor Cache Typ	L3	Intel® FDI-Technik	✓
Thermal Design Power (TDP)	77 W	Intel® Clear Video HD Technology für (Intel® CVT HD)	✓
Verpackungsart *	Einschub	Intel® Insider™	✓
Stepping	N0	Verbesserte Intel SpeedStep Technologie	✓
Durch den Prozessor (max) unterstützte Speicherbandbreite	25,6 GB/s	Intel® Trusted-Execution-Technik	✓
Speicher		Intel® VT-x mit Extended Page Tables (EPT)	✓
Maximaler interner Speicher, vom Prozessor unterstützt	32 GB	Intel® Sicherer Schlüssel	✓
Speichertypen, vom Prozessor unterstützt	DDR3-SDRAM	Intel® TSX-NI	✗
Speichertaktraten, vom Prozessor unterstützt	1333,1600 MHz	Intel® Virtualization Technologie (VT-X)	✓
Speicherkanäle *	Zweikanalig	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
ECC	✗	Intel® vPro™ Platform Eligibility	✓
Grafik		Betriebsbedingungen	
Eingebaute Grafikadapter *	✓	Tcase	67,4 °C
Eingebautes Grafikkartenmodell *	Intel® HD Graphics 2500	Sonstige Funktionen	
On-Board Grafikadapter Basisfrequenz	650 MHz	Intel® Virtualisierungstechnik (Intel® VT)	VT-d, VT-x
Maximale dynamische Frequenz der On-Board Grafikadapter	1150 MHz		
Anzahl an unterstützten Displays (On-Board-Grafik)	3		
Merkmale			
Execute Disable Bit	✓		
Leerlauf Zustände	✓		
Thermal-Überwachungstechnologien	✓		

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