



HP Intel Core i5-3450 Prozessor 3,1 GHz 6 MB L3 Einschub

Marke : HP

Artikel-Code: 687942-001

Produktname : Intel Core i5-3450



HP Intel Core i5-3450. Prozessorfamilie: Intel® Core™ i5, Prozessorsockel: LGA 1155 (Socket H2), Prozessor Lithografie: 22 nm. Speicherkanäle: Zweikanalig, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR3-SDRAM. On-board Grafik Modell: Intel® HD Graphics 2500, On-board graphics card base frequency: 650 MHz, On-board graphics card dynamic frequency (max): 1100 MHz. PCI Express Konfigurationen: 1x16, 2x8, 1x8+2x4, Unterstützte Befehlssätze: AVX, SSE4.1, SSE4.2. Intel Virtualization Technologie: VT-x

Prozessor		Funktionen	
Prozessorgeneration	Intel® Core™ i5 der dritten Generation	Thermal-Überwachungstechnologien	✓
Prozessor *	i5-3450	PCI-Express-Slots-Version	3.0
Grundfrequenz des Prozessors *	3,1 GHz	PCI Express Konfigurationen	1x16, 2x8, 1x8+2x4
Prozessorfamilie *	Intel® Core™ i5	Unterstützte Befehlssätze	AVX, SSE4.1, SSE4.2
Anzahl Prozessorkerne *	4	Eingebettete Optionen verfügbar	✗
Prozessorsockel *	LGA 1155 (Socket H2)	Prozessor Besonderheiten	
Prozessor Lithografie *	22 nm	Intel Anti-Theft Technologie	✓
Prozessor-Threads	4	Intel Hyper-Threading Technologie	✗
System-Bus	5 GT/s	Intel Identity Protection Technologie	✓
Prozessorbetriebsmodi *	64-Bit	Intel® Turbo-Boost-Technologie	2.0
Prozessor Boost-Taktung	3,5 GHz	Intel® Quick Sync Video Technologie	✓
Prozessor-Cache	6 MB	Intel® InTru™-3D-Technik	✓
Prozessor Cache Typ	L3	Intel Wireless Display (WiDi) Technologie	✓
Thermal Design Power (TDP)	77 W	Intel FDI Technologie	✓
Verpackungsart *	Einschub	Intel Clear Video HD Technologie	✓
Stepping	E1	Intel® Insider™	✓
Durch den Prozessor (max) unterstützte Speicherbandbreite	25,6 GB/s	Verbesserte Intel SpeedStep Technologie	✓
Speicher		Intel Trusted Execution Technology	✗
Maximaler interner Speicher, vom Prozessor unterstützt	32 GB	Intel VT-x mit Extended Page Tables (EPT)	✓
Speichertypen, vom Prozessor unterstützt	DDR3-SDRAM	Intel Sicherer Schlüssel	✓
Speichertaktraten, vom Prozessor unterstützt	1333,1600 MHz	Intel TSX-NI	✗
Speicherkanäle *	Zweikanalig	Intel® Virtualization Technologie (VT-X)	✓
ECC	✗	Intel® vPro™ Platform Eligibility	✗
Grafik		Betriebsbedingungen	
Eingebaute Grafikkarte *	✓	Tcase	67,4 °C
On-board Grafik Modell *	Intel® HD Graphics 2500	Weitere Spezifikationen	
On-Board Grafikkarte Basisfrequenz	650 MHz	Intel Virtualization Technologie	VT-x
Maximale dynamische Frequenz der On-Board Grafikkarte	1100 MHz		
Anzahl an unterstützten Displays (On-Board-Grafik)	3		
Funktionen			
Execute Disable Bit	✓		
Leerlauf Zustände	✓		

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