



HP Intel Core i5-3570 processor 3.4 GHz 6 MB L3 Tray

Brand : HP

Product code: 688162-001

Product name : Intel Core i5-3570



Intel® Core™ i5-3570 Processor (6M Cache, up to 3.80 GHz)

HP Intel Core i5-3570. Processor family: Intel® Core™ i5, Processor socket: LGA 1155 (Socket H2), Processor lithography: 22 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR3-SDRAM. On-board graphics card model: Intel® HD Graphics 2500, On-board graphics card base frequency: 650 MHz, On-board graphics card dynamic frequency (max): 1150 MHz. PCI Express configurations: 1x16, 2x8, 1x8+2x4, Supported instruction sets: AVX, SSE4.1, SSE4.2. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x

Processor		Features	
Processor generation	3rd gen Intel® Core™ i5	PCI Express slots version	3.0
Processor model *	i5-3570	PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor base frequency *	3.4 GHz	Supported instruction sets	AVX, SSE4.1, SSE4.2
Processor family *	Intel® Core™ i5	Embedded options available	✗
Processor cores *	4	Processor special features	
Processor socket *	LGA 1155 (Socket H2)	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor lithography *	22 nm	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor threads	4	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate	5 GT/s	Intel® Turbo Boost Technology	2.0
Processor operating modes *	64-bit	Intel® Quick Sync Video Technology	✓
Processor boost frequency	3.8 GHz	Intel® InTru™ 3D Technology	✓
Processor cache	6 MB	Intel® Wireless Display (Intel® WiDi)	✓
Processor cache type	L3	Intel FDI Technology	✓
Thermal Design Power (TDP)	77 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Package type *	Tray	Intel® Insider™	✓
Stepping	N0	Enhanced Intel SpeedStep Technology	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Trusted Execution Technology	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory supported by processor	32 GB	Intel® Secure Key	✓
Memory types supported by processor	DDR3-SDRAM	Intel TSX-NI	✗
Memory clock speeds supported by processor	1333,1600 MHz	Intel Virtualization Technology (VT-x)	✓
Memory channels *	Dual-channel	Intel Virtualization Technology for Directed I/O (VT-d)	✓
ECC	✗	Intel® vPro™ Platform Eligibility	✓
Graphics		Operational conditions	
On-board graphics card *	✓	Tcase	67.4 °C
On-board graphics card model *	Intel® HD Graphics 2500	Other features	
On-board graphics card base frequency	650 MHz	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
On-board graphics card dynamic frequency (max)	1150 MHz		
Number of displays supported (on-board graphics)	3		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		

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