

Intel Core[®]™ i5-3470S (6M Cache, up to 3.60 GHz) processor 2.9 GHz 6 MB Smart Cache Box

Brand : Intel

Product family: Core

Product code:
BX80637153470S

Product name : Intel[®] Core[™] i5-3470S Processor (6M Cache, up to 3.60 GHz)



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Intel Core[®]™ i5-3470S (6M Cache, up to 3.60 GHz) processor 2.9 GHz 6 MB Smart Cache Box:

Enjoy Rich Visuals Plus an Automatic Burst of Speed When You Need It.

The most popular members of our Intel[®] Core[™] processor family, the Intel[®] Core[™] i5 processors deliver amazing performance with stunning visuals on your Ultrabook[™] or All-in-One or Standard PC, whether it's a laptop or desktop. The Intel Core i5 processors include many technologies that deliver incredible PC and visual experiences for all of your favorite activities—whether you're creating, sharing, exploring, or gaming.



Processor		Processor special features
Processor manufacturer *	Intel	Intel [®] Hyper Threading Technology (Intel [®] HT Technology) ❌
Processor generation	3rd gen Intel [®] Core [™] i5	Intel [®] Turbo Boost Technology 2.0
Processor model *	i5-3470S	Intel [®] Quick Sync Video Technology ✔️
Processor base frequency *	2.9 GHz	Intel [®] InTru [™] 3D Technology ✔️
Processor family *	Intel [®] Core [™] i5	Intel [®] Wireless Display (Intel [®] WiDi) ✔️
Processor cores *	4	Intel FDI Technology ✔️
Processor socket *	LGA 1155 (Socket H2)	Intel [®] Clear Video HD Technology (Intel [®] CVT HD) ✔️
Component for	PC	Intel [®] Insider [™] ✔️
Processor lithography *	22 nm	Intel Fast Memory Access ✔️
Processor series	Intel Core i5-3400 Desktop series	Intel Flex Memory Access ✔️
Processor threads	4	Intel [®] AES New Instructions (Intel [®] AES-NI) ✔️
System bus rate	5 GT/s	Enhanced Intel SpeedStep Technology ✔️
Processor operating modes *	64-bit	Intel Trusted Execution Technology ✔️
Processor boost frequency	3.6 GHz	Intel Enhanced Halt State ✔️
Processor cache	6 MB	Intel VT-x with Extended Page Tables (EPT) ✔️
Processor cache type	Smart Cache	Intel 64 ✔️
Thermal Design Power (TDP)	65 W	Intel Identity Protection Technology version 1.00
Box *	✔️	Intel Secure Key Technology version 1.00
Compatible chipsets	Intel [®] B75 Express, Intel [®] H77 Express, Intel [®] Z75 Express, Intel [®] Z77 Express	Intel Virtualization Technology (VT-x) ✔️
Bus type	DMI	Intel Virtualization Technology for Directed I/O (VT-d) ✔️
CPU multiplier (bus/core ratio)	29	Intel TSX-NI version 0.00
Memory bandwidth supported by processor (max)	25.6 GB/s	Conflict-Free processor ✔️
Processor codename	Ivy Bridge	Intel [®] vPro [™] Platform Eligibility ✔️
Processor ARK ID	68315	
Memory		Operational conditions
Maximum internal memory supported by processor	32 GB	Tcase 69.1 °C
Memory types supported by processor	DDR3-SDRAM	
Memory clock speeds supported by processor	1333,1600 MHz	
Memory channels *	Dual-channel	Technical details
ECC	❌	Born on date Q2'12
		Bus bandwidth 5
		Bus type units GT/s

Graphics		Technical details	
On-board graphics card *	✓	Graphics max dynamic frequency	1.10 GHz
On-board graphics card model *	Intel® HD Graphics 2500	Launch date	2012-06-01T17:00:00
On-board graphics card base frequency	650 MHz	Processor cache	6144 KB
On-board graphics card dynamic frequency (max)	1150 MHz	Product name	Intel Core i5-3470S (6M Cache, up to 3.60 GHz)
Number of displays supported (on-board graphics)	3	Product type	4
On-board graphics card ID	0x152	Status	End of Life
Features		Maximum memory	32 GB
Execute Disable Bit	✓	Product family	3rd Generation Intel Core i5 Processors
Idle States	✓	Weight & dimensions	
Thermal Monitoring Technologies	✓	Processor package size	37.5 mm
Market segment	Desktop	Other features	
PCI Express slots version	3.0	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
PCI Express configurations	1x16, 2x8	On-board memory controller	✓
Supported instruction sets	AVX, SSE4.1, SSE4.2	Maximum internal memory	32 GB
CPU configuration (max)	1	Maximum internal memory	32768 MB
Embedded options available	✗	Cache memory	6 MB
Thermal solution specification	PCG 2011C		
Processor special features			
Intel® Anti-Theft Technology (Intel® AT)	✓		



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