

Intel Core i5-3330S processor 2.7 GHz 6 MB Smart Cache

Brand : Intel

Product family: Core

Product code:
CM8063701159804

Product name : i5-3330S

Intel® Core™ i5-3330S Processor
(6M Cache, up to 3.20 GHz)

[Intel Core i5-3330S processor 2.7 GHz 6 MB Smart Cache:](#)



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® My WiFi Technology (Intel® MWT)	✓
Processor generation	3rd gen Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor model *	i5-3330S	Intel® Quick Sync Video Technology	✓
Processor base frequency *	2.7 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 i5-3300 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	3.2 GHz	Intel® Turbo Boost Technology 2.0 frequency	3.2 GHz
Processor cache	6 MB	Intel® Transactional Synchronization Extensions	✗
Processor cache type	Smart Cache	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	65 W	Intel VT-x with Extended Page Tables (EPT)	✓
Box *	✗	Intel® Secure Key	✓
Cooler included *	✗	Intel TSX-NI	✗
Generation	3rd Generation	Intel 64	✓
Compatible chipsets	Intel® B75 Express, Intel® H77 Express, Intel® Z75 Express, Intel® Z77 Express	Intel Identity Protection Technology version	1.00
Bus type	DMI	Intel Secure Key Technology version	1.00
CPU multiplier (bus/core ratio)	27	Intel Virtualization Technology (VT-x)	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor codename	Ivy Bridge	Intel TSX-NI version	0.00
Processor ARK ID	65510	Conflict-Free processor	✓
Memory		Intel® vPro™ Platform Eligibility	✗
Maximum internal memory supported by processor	32 GB	Operational conditions	
Memory types supported by processor	DDR3-SDRAM	Tcase	69.1 °C
Memory clock speeds supported by processor	1333,1600 MHz		
Memory channels *	Dual-channel		
ECC	✗		
Memory bandwidth (max)	25.6 GB/s		

Graphics		Technical details	
On-board graphics card *	✓	Born on date	Q3'12
On-board graphics card model *	Intel® HD Graphics 2500	Bus bandwidth	5
On-board graphics card base frequency	650 MHz	Bus type units	GT/s
On-board graphics card dynamic frequency (max)	1050 MHz	Graphics max dynamic frequency	1.05 GHz
Number of displays supported (on-board graphics)	3	Launch date	Q3'12
On-board graphics card ID	0x152	Processor cache	6144 KB
Features		Product name	Intel Core i5-3330S (6M Cache, up to 3.20 GHz)
Execute Disable Bit	✓	Product type	Processor
Idle States	✓	Status	Discontinued
Thermal Monitoring Technologies	✓	Maximum memory	32 GB
Market segment	Desktop	Processor brand name	Intel Core i5 Intel Core i5 Processor
PCI Express slots version	3.0	Supported memory types	DDR3-SDRAM
PCI Express configurations	1x16, 2x8, 1x8, 2x4	Last change	63903513
Supported instruction sets	SSE4.1, SSE4.2, AVX	Product family	3rd Generation Intel Core i5 Processors
CPU configuration (max)	1	Bus speed	5 GT/s
Embedded options available	✗	Processor ID	0x152
Thermal solution specification	PCG 2011C	Logistics data	
PCI Express CEM revision	3.0	Harmonized System (HS) code	8542310001
Export Control Classification Number (ECCN)	5A992C	Weight & dimensions	
Commodity Classification Automated Tracking System (CCATS)	G077159	Processor package size	37.5 x 37.5 mm
Images Type Map	✗	Other features	
Processor special features		Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Intel® Anti-Theft Technology (Intel® AT)	✓	On-board memory controller	✓
Intel® Hyper Threading Technology (Intel® HT Technology)	✗	Maximum internal memory	32 GB
Intel® Identity Protection Technology (Intel® IPT)	✓	Maximum internal memory	32768 MB
		Cache memory	6 MB

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 01-JAN-2024. Prints or copies of Information are only valid on the printed Publication date