







## Specifications Intel® Core™ i5-2320 Processor (6M Cache, 3.00 GHz)





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Status	Launched
Launch Date	Q3'11
Processor Number	i5-2320
# of Cores	4
# of Threads	4
Clock Speed	3 GHz
Max Turbo Frequency	3.3 GHz
Intel® Smart Cache	6 MB
Bus/Core Ratio	30
DMI	5 GT/s
Instruction Set	64-bit
Instruction Set Extensions	SSE4.1/4.2, AVX
Embedded Options Available 	No
Lithography	32 nm
Max TDP	95 W
Recommended Customer Price	\$177 - \$187

Max Memory Size (dependent on memory type)	32 GB
Memory Types	DDR3-1066/1333
# of Memory Channels	2
Max Memory Bandwidth	21 GB/s
ECC Memory Supported 	No

Processor Graphics 	Intel® HD Graphics 2000
Graphics Base Frequency	850 MHz
Graphics Max Dynamic Frequency	1.1 GHz
Intel® Quick Sync Video	Yes
Intel® InTru™ 3D Technology	Yes
Intel® Insider™	Yes
Intel® Wireless Display	No
Intel® Flexible Display Interface (Intel® FDI)	Yes
Intel® Clear Video HD Technology	Yes
Dual Display Capable	Yes
PCI Express Revision	2.0
# of PCI Express Ports	1
Max CPU Configuration	1
T <sub>CASE</sub>	72.6°C
Package Size	37.5mm x 37.5mm
Sockets Supported	LGA1155
Low Halogen Options Available	Yes
Intel® Turbo Boost Technology	2.0
Intel® vPro Technology	No
Intel® Hyper-Threading Technology 	No
Intel® Virtualization Technology (VT-x) 	Yes
Intel® Virtualization Technology for Directed I/O (VT-d) 	No

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Intel® Trusted Execution Technology 	No
AES New Instructions 	Yes
Intel® 64 	Yes
Idle States	Yes
Enhanced Intel SpeedStep® Technology 	Yes
Thermal Monitoring Technologies	Yes
Intel® Fast Memory Access	Yes
Intel® Flex Memory Access	Yes
Execute Disable Bit	Yes