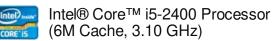


i5-2400

Intel® Processors

Intel® Core™ i5 Desktop Processor

Intel® Core™ i5-2400 Processor Series



SPECIFICATIONS

Essentials

Memory Specifications

Graphics Specifications

Expansion Options

Package Specifications

Advanced Technologies

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SPECIFICATIONS

SPECIFICATIONS	
Essentials	
Status	Launched
Launch Date	Q1'11
Processor Number	i5-2400
# of Cores	4
# of Threads	4
Clock Speed	3.1 GHz
Max Turbo Frequency	3.4 GHz
Intel® Smart Cache	6 MB
Bus/Core Ratio	31
Instruction Set	64-bit
Instruction Set Extensions	SSE4.1/4.2, AVX
Embedded Options Available	Yes
Lithography	32 nm
MaxTDP	95 W
Tray 1ku Budgetary Price	\$184.00
Memory Specifications	
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
Graphics Specifications	
Integrated Graphics	Yes
Intel® HD Graphics	Yes
Intel® HD Graphics with Dynamic Frequency	Yes
Graphics Base Frequency	850 MHz
Graphics Max Dynamic Frequency	1.1 GHz
Intel® Quick Sync Video	Yes
Intel® InTRU™ 3D Technology,	Yes
Intel® Wireless Display	No
Intel® Flexible Display Interface (Intel® FDI)	Yes
Intel® Clear Video HD Technology	Yes
Dual Display Capable	Yes
Expansion Options	

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PCI Express Revision Idemarks	2.0	
# of PCI Express Ports	1	
Package Specifications		
Max CPU Configuration	1	
TCASE	72.6°C	
Package Size	37.5mm x 37.5	mm
Sockets Supported	LGA1155	
Halogen Free Options Available	Yes	
Advanced Technologies		
Intel® Turbo Boost Technology	2.0	
Intel® Hyper-Threading Technology	No	
Intel® Virtualization Technology (VT-x)	Yes	
Intel® Virtualization Technology for Directed I/O (VT-d)	Yes	
Intel® Trusted Execution Technology	Yes	
AES New Instructions	Yes	
Intel® 64	Yes	
ldle 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	

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Intel® Core™ i5-2400 Processor (6M Cache, 3.10 GHz)

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Intel® Core™ i5-2400 Processor (6M Cache, 3.10 GHz)

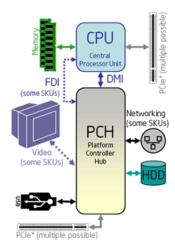
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Intel® Core™ i5-2400 Processor Series

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Intel® Core™ i5-2400 Processor (6M Cache, 3.10 GHz)

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Boxed Intel® Core™ i5-2400 Processor (6M Cache, 3.10 GHz) FC-LGA10, for China

Socket	Step	Step TDP	Ordering Code	Spec Code	Halogen Free	VT-x
LGA1155	D2	95 Watts	BXC80623l52400	SR00Q	Yes	Yes

Boxed Intel® Core™ i5-2400 Processor (6M Cache, 3.10 GHz) FC-LGA10

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Intel® Core™ i5-2400 Processor (6M Cache, 3.10 GHz) FC-LGA10, Tray

Socket	Step	Step TDP	Ordering Code	Spec Code	Halogen Free	VT-x
LGA1155	D2	95 Watts	CM8062300834106	SR00Q	Yes	Yes

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