

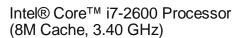
i7-2600

Home

Intel® Processors

Intel® Core™ i7 Desktop Processor

Intel® Core™ i7-2600 Processor Series



# SPECIFICATIONS

# **Essentials**

**Memory Specifications** 

**Graphics Specifications** 

**Expansion Options** 

**Package Specifications** 

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# COMPATIBLE PRODUCTS

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# **SPECIFICATIONS**

Essentials		
Status		Launched
Launch Date		Q1'11
Processor Number		i7-2600
# of Cores		4
# of Threads		8
Clock Speed		3.4 GHz
Max Turbo Frequency		3.8 GHz
Intel® Smart Cache		8 MB
Bus/Core Ratio		34
Instruction Set		64-bit
Instruction Set Extensions		SSE4.1/4.2, AVX
Embedded Options Available	P	Yes
Lithography		32 nm
Max TDP		95 W
Tray 1ku Budgetary Price		\$294.00
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	A	No
Graphics Specifications		
Integrated Graphics	PA	Yes
Intel® HD Graphics		Yes
Intel® HD Graphics with Dynamic Frequency		Yes
Graphics Base Frequency		850 MHz
Graphics Max Dynamic Frequency		1.35 GHz
Intel® Quick Sync Video		Yes
Intel® InTRU™ 3D Technology,		Yes
Intel® Wireless Display		No
Intel® Flexible Display Interface (Intel® FDI)		Yes
Little Oliver Valera LID Texturely		Yes
Intel® Clear Video HD Technology		
Dual Display Capable		Yes

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PCN/MDDS INFORMATION

PCI Express Revision demarks	2.0	
# of PCI Express Ports	1	
Package Specifications		
Max CPU Configuration	1	
TCASE	72.6°C	
Package Size	37.5mm x 37.5	nm
Sockets Supported	LGA1155	
Halogen Free Options Available	Yes	
Advanced Technologies		
Intel® Turbo Boost Technology	2.0	
ntel® Hyper-Threading Technology	Yes	
ntel® 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	
dle 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™ i7-2600 Processor (8M Cache, 3.40 GHz)

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i7-2600



Intel® Core™ i7-2600 Processor (8M Cache, 3.40 GHz)

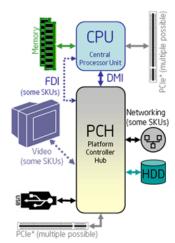
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Intel® Core™ i7-2600 Processor Series

i7-2600



Intel® Core™ i7-2600 Processor (8M Cache, 3.40 GHz)

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Ordering and Spec Information

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Socket	Step	Step TDP	Ordering Code	Spec Code	Halogen Free	VT-x
LGA1155	D2	95 Watts	BXC80623I72600	SR00B	Yes	Yes

# Boxed Intel® Core™ i7-2600 Processor (8M Cache, 3.40 GHz) FC-LGA10

Socket	Step	Step TDP	Ordering Code	Spec Code	Halogen Free	VT-x
LGA1155	D2	95 Watts	BX80623l72600	SR00B	Yes	Yes

# Intel® Core™ i7-2600 Processor (8M Cache, 3.40 GHz) FC-LGA10, Tray

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LGA1155	D2	95 Watts	CM8062300834302	SR00B	Yes	Yes

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