



INTEL® CORE™ i3 DESKTOP PROCESSOR COMPARISON CHART



INSTRUCTIONS

1. If the column heading is underlined, clicking on that will take you to a web site or document where you can get more information on that term.
2. Clicking on the individual processor number will take you to an Intel database that contains an expanded set of processor specifications.
3. Clicking on the individual box order code will take you to the Intel Desktop Compatibility Tool.

<u>PROCESSOR NUMBER</u>	<u>BOX ORDER CODE</u>	LAUNCH YEAR	PROCESSOR SOCKET	PROCESSOR BASE FREQUENCY (GHz)	CACHE (MB)	CORES / THREADS	<u>INTEL® HYPER THREADING TECHNOLOGY</u>	THERMAL DESIGN POWER (Watts)	FMB	<u>INTEL® HD GRAPHICS</u>	HD GRAPHICS SPEED (MHz)*	Intel® Enhanced Speedstep Technolog (EIST)	<u>INTEL® ADVANCED ENCRYPTION STANDARD (AES)</u>	<u>INTEL® VIRTUALIZATION TECHNOLOGY (VT-X)</u>	<u>INTEL® ADVANCED VECTOR EXTENSIONS (AVX)</u>	PROCESS TECHNOLOGY	MAXIMUM DDR3 SUPPORTED MEMORY (MHz)	TECHNICAL DOCUMENTS
i3-7350K	BX80677I37350K	Q1'17	LGA1151	4.2	4	2/4	Yes	60W	2015D	630	350/1150	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-7320	BX80677I37320	Q1'17	LGA1151	4.1	4	2/4	Yes	51W	2015C	630	350/1150	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-7300	BX80677I37300	Q1'17	LGA1151	4	4	2/4	Yes	51W	2015C	630	350/1150	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-7100	BX80677I37100	Q1'17	LGA1151	3.9	3	2/4	Yes	51W	2015C	630	350/1100	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-6320	BX80662I36320	Q3'15	LGA1151	3.9	4	2/4	Yes	65W	2015C	530	350/1150	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-6300	BX80662I36300	Q3'15	LGA1151	3.8	4	2/4	Yes	65W	2015C	530	350/1150	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-6100	BX80662I36100	Q3'15	LGA1151	3.7	3	2/4	Yes	65W	2015C	530	350/1050	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-6098P	BX80662I36098P	Q4'15	LGA1151	3.6	3	2/4	Yes	54W	2015C	510	350/1050	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-4370	BX80646I34370	Q3'14	LGA1150	3.8	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4360	BX80646I34360	Q2'14	LGA1150	3.7	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4350	BX80646I34350	Q2'14	LGA1150	3.6	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4340	BX80646I34340	Q3'13	LGA1150	3.6	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4330	BX80646I34330	Q3'13	LGA1150	3.5	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4170	BX80646I34170	Q2'15	LGA1150	3.7	3	2/4	Yes	54W	2013C	4400	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4160	BX80646I34160	Q3'14	LGA1150	3.6	3	2/4	Yes	54W	2013C	4400	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4150	BX80646I34150	Q2'14	LGA1155	3.5	3	2/4	Yes	54W	2013C	4400	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-4130	BX80646I34130	Q3'13	LGA1150	3.4	3	2/4	Yes	54W	2013C	4400	350/1150	Yes	Yes	Yes	Yes	22 nm	1600	Go
i3-3250	BX80637I33250	Q2'13	LGA1155	3.5	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	Yes	No	Yes	22 nm	1600	Go
i3-3245	BX80637I33245	Q2'13	LGA1155	3.4	3	2/4	Yes	55W	2011C	4000	650/1050	Yes	Yes	No	Yes	22 nm	1600	Go
i3-3240	BX80637I33240	Q3'12	LGA1155	3.4	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	Yes	No	Yes	22 nm	1600	Go
i3-3225	BX80637I33225	Q3'12	LGA1155	3.3	3	2/4	Yes	55W	2011C	4000	650/1050	Yes	Yes	No	Yes	22 nm	1600	Go
i3-3220	BX80637I33220	Q3'12	LGA1155	2.9	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	Yes	No	Yes	22 nm	1600	Go
i3-3210	BX80637I33210	Q1'13	LGA1155	3.2	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	Yes	No	Yes	22 nm	1600	Go
i3-2130	BX80623I32130	Q3'11	LGA1155	3.4	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	Yes	No	Yes	32 nm	1333	Go
i3-2125	BX80623I32125	Q3'11	LGA1155	3.3	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	Yes	No	Yes	32 nm	1333	Go
i3-2100	BX80623I32100	Q1'11	LGA1155	3.1	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	Yes	No	Yes	32 nm	1333	Go

Technical Documents = Datasheets, Design Guides, etc;

Intel® Core™ i3 Desktop Processor Top Support Documents

[Intel® Desktop Processor Support Resources](#)

This document contains the most commonly sought after information on Intel® Desktop Processors.

[Overview of Intel® Processor Tools](#)

This document provides links to popular Intel® processor tools, with a description on what they do.

[Desktop Processor Warranty Frequently Asked Questions](#)

This documents provides answers to the most frequent questions we receive regarding processor warranty.

[Intel® Processor Installation Center](#)

Intel® Core™ i3 Desktop Processor Support Home Page

http://www.intel.com/p/en_US/support/highlights/processors/corei3dt



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Low Power Desktop Processors																		
i3-7300T	BX80677137300T	Q1'17	LGA1151	3.5	4	2/4	Yes	35W	2015A	630	350/1100	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-7100T	BX80677137100T	Q1'17	LGA1151	3.4	3	2/4	Yes	35W	2015A	630	350/1100	Yes	Yes	Yes	Yes	14nm	See here	Go
i3-6300T	BX80662136300T	Q3'15	LGA1151	3.3	4	2/4	Yes	35W	2015A	530	350/950	Yes	Yes	Yes	Yes	14 nm	See here	Go
i3-6100T	BX80662136100T	Q3'15	LGA1151	3.2	3	2/4	Yes	54W	2015A	530	350/950	Yes	Yes	Yes	Yes	14nm	See here	Go
i3-4370T	Not Boxed	Q2'15	LGA1150	3.3	4	2/4	Yes	35W	2013A	4400	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-4360T	Not Boxed	Q3'14	LGA1150	3.2	4	2/4	Yes	35W	2013A	4600	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-4350T	Not Boxed	Q2'14	LGA1150	3.1	4	2/4	Yes	35W	2013A	4600	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-4330T	Not Boxed	Q3'13	LGA1150	3	4	2/4	Yes	35W	2013A	4600	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-4170T	Not Boxed	Q2'15	LGA1150	3.2	3	2/4	Yes	35W	2013A	4400	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-4160T	Not Boxed	Q3'14	LGA1150	3.1	3	2/4	Yes	35W	2013A	4400	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-4150T	Not Boxed	Q2'14	LGA1150	3	3	2/4	Yes	35W	2013A	4400	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-4130T	BX80646134130T	Q3'13	LGA1150	2.9	3	2/4	Yes	35W	2013A	4400	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	Go
i3-3250T	Not Boxed	Q2'13	LGA1155	3	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3240T	BX80637133250	Q3'12	LGA1155	2.9	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3220T	BX80637133220T	Q3'12	LGA1155	2.8	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-2120T	BX80623132120T	Q3'11	LGA1155	2.6	3	2/4	Yes	35W	2011A	2000	650/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go
i3-2100T	BX80623132100T	Q1'11	LGA1155	2.5	3	2/4	Yes	35W	2011A	2000	650/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go

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