



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 an Intel database that will show which Intel® Desktop Boards are compatible with that processor.

<u>Processor Number</u>	<u>Box order code</u>	<u>Launch Year</u>	<u>Processor Socket</u>	<u>Processor Base Frequency(GHz)</u>	<u>Cache (MB)</u>	<u>Cores/ Threads</u>	<u>Intel® Hyper Threading Technology</u>	<u>Thermal Design Power (Watts)</u>	<u>FMB</u>	<u>Intel® HD Graphics</u>	<u>Intel® HD Graphics Speed (MHz)*</u>	<u>Intel® Enhanced Speedstep Technology (EIST)</u>	<u>Intel® Advanced Encryption Standard (AES)</u>	<u>Intel® Virtualization Technology (VT-x)</u>	<u>Intel® Advanced Vector Extensions (AVX)</u>	<u>Process Technology</u>	<u>Maximum DDR3 Supported Memory Speed</u>	<u>Technical Documents</u>
i3-4340	BX80646i34340	Q3'13	LGA1150	3.6	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	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 MHz	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 MHz	Go
i3-3250	BX80637G2020	Q2'13	LGA1155	3.5	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3245	BX80637i33245	Q2'13	LGA1155	3.4	3	2/4	Yes	55W	2011C	4000	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3210	BX80637i33210	Q1'13	LGA1155	3.2	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3220	BX80637i33220	Q3'12	LGA1155	2.9	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3225	BX80637i33225	Q3'12	LGA1155	3.3	3	2/4	Yes	55W	2011C	4000	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3240	BX80637i33240	Q3'12	LGA1155	3.4	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-2130	BX80623i32130	Q3'11	LGA1155	3.4	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go
i3-2125	BX80623i32125	Q3'11	LGA1155	3.3	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go
i3-2120	BX80623i32120	Q1'11	LGA1155	3.3	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go
i3-2105	BX80623i32105	Q2'11	LGA1155	3.1	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go
i3-2102	BX80623i32102	Q2'11	LGA1155	3.1	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go
i3-2100	BX80623i32100	Q1'11	LGA1155	3.1	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go
i3-560	BX80616i3560	Q3'10	LGA1156	3.33	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	Go
i3-550	BX80616i3550	Q2'10	LGA1156	3.2	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	Go
i3-540	BX80616i3540	Q1'10	LGA1156	3.06	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	Go
i3-530	BX80616i3530	Q1'10	LGA1156	2.93	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	Go

Low Power Desktop Processors																		
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
i3-4130T	BX80646I34130T	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
i3-3220T	BX80637I33220T	Q3'12	LGA1155	2.8	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-3240T	Not Boxed	Q3'12	LGA1155	2.9	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	Go
i3-2120T	BX80623I32120T	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	BX80623I32100T	Q1'11	LGA1155	2.5	3	2/4	Yes	35W	2011A	2000	650/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	Go

Technical Documents = Datashseets, Design Guides, etc;

Intel® Core™ i3 Desktop Processor Top Support Documents

[Intel® Desktop Processor Suppport Resources](#)

[Overview of Intel® Processor Tools](#)

[Desktop Processor Warranty Frequently Asked Questions](#)

This document contains the most commonly sought after information on Intel® Desktop Processors.
This document provides links to popular Intel® processor tools, with a description on what they do.
This documents provides answers to the most frequent questions we receive regarding processor warranty.

[LGA1155 Socket](#)

[LGA1156 Socket](#)

Desktop Processor Installation and Integration Document
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Intel® Core™ i3 Desktop Processor Support Home Page

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