



# 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>
<a href="#">i3-4340</a>	<a href="#">BX80646134340</a>	Q3'13	LGA1150	3.6	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-4330</a>	<a href="#">BX80646134330</a>	Q3'13	LGA1150	3.5	4	2/4	Yes	54W	2013C	4600	350/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-4130</a>	<a href="#">BX80646134130</a>	Q3'13	LGA1150	3.4	3	2/4	Yes	54W	2013C	4400	350/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3250</a>	<a href="#">BX80637G2020</a>	Q2'13	LGA1155	3.5	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3245</a>	<a href="#">BX80637133245</a>	Q2'13	LGA1155	3.4	3	2/4	Yes	55W	2011C	4000	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3210</a>	<a href="#">BX80637133210</a>	Q1'13	LGA1155	3.2	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3220</a>	<a href="#">BX80637133220</a>	Q3'12	LGA1155	2.9	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3225</a>	<a href="#">BX80637133225</a>	Q3'12	LGA1155	3.3	3	2/4	Yes	55W	2011C	4000	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3240</a>	<a href="#">BX80637133240</a>	Q3'12	LGA1155	3.4	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-2130</a>	<a href="#">BX80623132130</a>	Q3'11	LGA1155	3.4	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-2125</a>	<a href="#">BX80623132125</a>	Q3'11	LGA1155	3.3	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-2120</a>	<a href="#">BX80623132120</a>	Q1'11	LGA1155	3.3	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-2105</a>	<a href="#">BX80623132105</a>	Q2'11	LGA1155	3.1	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-2102</a>	<a href="#">BX80623132102</a>	Q2'11	LGA1155	3.1	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-2100</a>	<a href="#">BX80623132100</a>	Q1'11	LGA1155	3.1	3	2/4	Yes	65W	2011C	2000	850/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-560</a>	<a href="#">BX8061613560</a>	Q3'10	LGA1156	3.33	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-550</a>	<a href="#">BX8061613550</a>	Q2'10	LGA1156	3.2	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-540</a>	<a href="#">BX8061613540</a>	Q1'10	LGA1156	3.06	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-530</a>	<a href="#">BX8061613530</a>	Q1'10	LGA1156	2.93	4	2/4	Yes	73W	09A	Yes	733	Yes	No	Yes	No	32 nm	1333 MHz	<a href="#">Go</a>

Low Power Desktop Processors

<a href="#">i3-4330T</a>	Not Boxed	Q3'13	LGA1150	3	4	2/4	Yes	35W	2013A	4600	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-4130T</a>	<a href="#">BX80646I34130T</a>	Q3'13	LGA1150	2.9	3	2/4	Yes	35W	2013A	4400	200/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3250T</a>	Not Boxed	Q2'13	LGA1155	3	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3220T</a>	<a href="#">BX80637I33220T</a>	Q3'12	LGA1155	2.8	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-3240T</a>	Not Boxed	Q3'12	LGA1155	2.9	3	2/4	Yes	35W	2011A	2500	650/1050	Yes	No	Yes	Yes	22 nm	1600 MHz	<a href="#">Go</a>
<a href="#">i3-2120T</a>	<a href="#">BX80623I32120T</a>	Q3'11	LGA1155	2.6	3	2/4	Yes	35W	2011A	2000	650/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>
<a href="#">i3-2100T</a>	<a href="#">BX80623I32100T</a>	Q1'11	LGA1155	2.5	3	2/4	Yes	35W	2011A	2000	650/1100	Yes	No	Yes	Yes	32 nm	1333 MHz	<a href="#">Go</a>

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.

[LGA1155 Socket](#)

Desktop Processor Installation and Integration Document

[LGA1156 Socket](#)

Desktop Processor Installation and Integration Document

Intel® Core™ i3 Desktop Processor Support Home Page

[http://www.intel.com/p/en\\_US/support/highlights/processors/corei3dt](http://www.intel.com/p/en_US/support/highlights/processors/corei3dt)