



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
i3-4170	BX80646I34170	Q2'15	LGA1150	3.7	3	2/4	Yes	54W	2013C	4400	350/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	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 MHz	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 MHz	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 MHz	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 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
i3-4160	BX80646I34160	Q3'14	LGA1150	3.6	3	2/4	Yes	54W	2013C	4400	350/1150	Yes	Yes	Yes	Yes	22 nm	1600 MHz	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 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	BX80637I33250	Q2'13	LGA1155	3.5	3	2/4	Yes	55W	2011C	2500	650/1050	Yes	Yes	No	Yes	22 nm	1600 MHz	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 MHz	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 MHz	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 MHz	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 MHz	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 MHz	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 MHz	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 MHz	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 MHz	Go
i3-560	BX80616I3560	Q3'10	LGA1156	3.33	4	2/4	Yes	73W	09A	Yes	733	Yes	Yes	No	No	32 nm	1333 MHz	Go
i3-550	BX80616I3550	Q2'10	LGA1156	3.2	4	2/4	Yes	73W	09A	Yes	733	Yes	Yes	No	No	32 nm	1333 MHz	Go
i3-540	BX80616I3540	Q1'10	LGA1156	3.06	4	2/4	Yes	73W	09A	Yes	733	Yes	Yes	No	No	32 nm	1333 MHz	Go
i3-530	BX80616I3530	Q1'10	LGA1156	2.93	4	2/4	Yes	73W	09A	Yes	733	Yes	Yes	No	No	32 nm	1333 MHz	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.

[LGA1150 Socket](#)

LGA1150 Installation and Integration Documents

[LGA1155 Socket](#)

LGA1155 Installation and Integration Documents

[LGA1156 Socket](#)

LGA1156 Installation and Integration Documents

Intel® Core™ i3 Desktop Processor Support Home Page

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