



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>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 (MHz)</u>	<u>TECHNICAL DOCUMENTS</u>
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																		
i3-2120T	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 = Datasheets, Design Guides, etc.

Intel® Core™ i3 Desktop Processor Top Support Documents

[Intel® Desktop Processor Support Resources](#)

[Overview of Intel® Processor Tools](#)

[Desktop Processor Warranty Frequently Asked Questions](#)

[LGA1155 Socket](#)

[LGA1156 Socket](#)

Intel® Core™ i3 Desktop Processor Support Home Page

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