

Intel® Core™ i3 Desktop Processor Comparison Chart

[Intel® Core™ i3 Desktop Processor Support Home Page](#)

Processor Number	Box order code	Launch Year	Processor Socket	Processor Base Frequency(GHz)	Cache (MB)	Cores/Threads	Intel® Hyper-Threading Technology	Thermal Design Power (Watts)	FMB	Intel® HD Graphics	Intel® HD Graphics Speed (MHz)*	Intel® Enhanced Speedstep Technology (EIST)	Intel® Advanced Encryption Standard (AES)	Intel® Virtualization Technology (VT-x)	Intel® Advanced Vector Extensions (AVX)	Process Technology	Maximum DDR3 Supported Memory Speed	Technical Documents
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

i3-3250T	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

Intel® Core™ i3 desktop processors do not feature Intel® Turbo Boost Technology

Technical Documents = Datasheets, Design Guides, etc;

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 a database that will show which Intel® desktop boards are compatible with that processor.

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.
Desktop Processor Installation and Integration Documents	LGA1155 Socket LGA1156 Socket