



## Intel® Core™ i3 Desktop Processors 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.
4. For complete memory support details click on the processor number (column 1) for specifications.

Processors Number	Processors Generation	Box Order Number	Launch Year	Processors Socket	Processor Base Frequency (GHz)	Cache (MB)	Cores/Threads	Thermal Design Power (Watts)	Intel® Graphics	Graphics Speed (MHz)	<u>Intel® Advanced Encryption Standard (AES)</u>	<u>Intel® Advanced Vector Extensions (AVX)</u>	<u>Intel® Virtualization Technology (VT-X)</u>	<u>Intel® Optane™ Memory Supported</u>	* Maximum DDR4/DDR3L/DDR3 Supported Memory (MHz)
<a href="#">i3-8350K</a>	8th Gen	<a href="#">BX80684I38350K</a>	Q4'17	LGA1151	4	8	4/4	91W	UHD 630	350/1150	Yes	Yes	Yes	Yes	2400/NA/NA
<a href="#">i3-8300</a>	8th Gen	<a href="#">BX80677I37300</a>	Q2'18	LGA1151	3.7	8	4/4	62W	UHD 630	350/1150	Yes	Yes	Yes	Yes	2400/NA/NA
<a href="#">i3-8100</a>	8th Gen	<a href="#">BX80684I38100</a>	Q4'17	LGA1151	3.6	6	4/4	65W	UHD 630	350/1100	Yes	Yes	Yes	Yes	2400/NA/NA
<a href="#">i3-7350K</a>	7th Gen	<a href="#">BX80677I37350K</a>	Q1'17	LGA1151	4.2	4	2/4	60W	HD 630	350/1150	Yes	Yes	Yes	Yes	2400/1600/NA
<a href="#">i3-7320</a>	7th Gen	<a href="#">BX80677I37320</a>	Q1'17	LGA1151	4.1	4	2/4	51W	HD 630	350/1150	Yes	Yes	Yes	Yes	2400/1600/NA
<a href="#">i3-7300</a>	7th Gen	<a href="#">BX80677I37300</a>	Q1'17	LGA1151	4	4	2/4	51W	HD 630	350/1150	Yes	Yes	Yes	Yes	2400/1600/NA
<a href="#">i3-7100</a>	7th Gen	<a href="#">BX80677I37100</a>	Q1'17	LGA1151	3.9	3	2/4	51W	HD 630	350/1100	Yes	Yes	Yes	Yes	2400/1600/NA
<a href="#">i3-6320</a>	6th Gen	<a href="#">BX80662I36320</a>	Q3'15	LGA1151	3.9	4	2/4	65W	HD 530	350/1150	Yes	Yes	Yes	No	2133/1600/NA
<a href="#">i3-6300</a>	6th Gen	<a href="#">BX80662I36300</a>	Q3'15	LGA1151	3.8	4	2/4	65W	HD 530	350/1150	Yes	Yes	Yes	No	2133/1600/NA
<a href="#">i3-6100</a>	6th Gen	<a href="#">BX80662I36100</a>	Q3'15	LGA1151	3.7	3	2/4	65W	HD 530	350/1050	Yes	Yes	Yes	No	2133/1600/NA
<a href="#">i3-6098P</a>	6th Gen	<a href="#">BX80662I36098P</a>	Q4'15	LGA1151	3.6	3	2/4	54W	HD 510	350/1050	Yes	Yes	Yes	No	2133/1600/NA
<a href="#">i3-4370</a>	4th Gen	<a href="#">BX80646I34370</a>	Q3'14	LGA1150	3.8	4	2/4	54W	HD 4600	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4360</a>	4th Gen	<a href="#">BX80646I34360</a>	Q2'14	LGA1150	3.7	4	2/4	54W	HD 4600	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4350</a>	4th Gen	<a href="#">BX80646I34350</a>	Q2'14	LGA1150	3.6	4	2/4	54W	HD 4600	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4340</a>	4th Gen	<a href="#">BX80646I34340</a>	Q3'13	LGA1150	3.6	4	2/4	54W	HD 4600	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4330</a>	4th Gen	<a href="#">BX80646I34330</a>	Q3'13	LGA1150	3.5	4	2/4	54W	HD 4600	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4170</a>	4th Gen	<a href="#">BX80646I34170</a>	Q2'15	LGA1150	3.7	3	2/4	54W	HD 4400	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4160</a>	4th Gen	<a href="#">BX80646I34160</a>	Q3'14	LGA1150	3.6	3	2/4	54W	HD 4400	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4150</a>	4th Gen	<a href="#">BX80646I34150</a>	Q2'14	LGA1155	3.5	3	2/4	54W	HD 4400	350/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4130</a>	4th Gen	<a href="#">BX80646I34130</a>	Q3'13	LGA1150	3.4	3	2/4	54W	HD 4400	350/1150	Yes	Yes	Yes	No	NA/1600/1600

Technical Documents = Datasheets, Design Guides, etc;

\* The value in column (Maximum DDR4/DDR3L/DDR3) is the maximum value, please refer to the [product specification page](#) for other possible values supported

### Intel® Core™ i3 Desktop Processor Top Support Documents

<a href="#">Technical Documents (Datasheets, Design Guides, etc)</a>	Technical resources for the processors
<a href="#">Intel® Desktop Processor Support Resources</a>	This document contains the most commonly sought after information on Intel® Desktop Processors.
<a href="#">Overview of Intel® Processor Tools</a>	This document provides links to popular Intel® processor tools, with a description on what they do.
<a href="#">Intel® Processor Installation Center</a>	

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Low Power Desktop Processors															
<a href="#">i3-8300T</a>	8th Gen	Not Boxed	Q2'18	LGA1151	3.2	8	4/4	35W	UHD 630	350/1100	Yes	Yes	Yes	Yes	2400/NA/NA
<a href="#">i3-8100T</a>	8th Gen	Not Boxed	Q2'18	LGA1151	3.1	6	4/4	35W	UHD 630	350/1100	Yes	Yes	Yes	Yes	2400/NA/NA
<a href="#">i3-7300T</a>	7th Gen	<a href="#">BX80677I37300T</a>	Q1'17	LGA1151	3.5	4	2/4	35W	HD 630	350/1100	Yes	Yes	Yes	Yes	2400/1600/NA
<a href="#">i3-7100T</a>	7th Gen	<a href="#">BX80677I37100T</a>	Q1'17	LGA1151	3.4	3	2/4	35W	HD 630	350/1100	Yes	Yes	Yes	Yes	2400/1600/NA
<a href="#">i3-6300T</a>	6th Gen	<a href="#">BX80662I36300T</a>	Q3'15	LGA1151	3.3	4	2/4	35W	HD 530	350/950	Yes	Yes	Yes	No	2133/1600/NA
<a href="#">i3-6100T</a>	6th Gen	<a href="#">BX80662I36100T</a>	Q3'15	LGA1151	3.2	3	2/4	54W	HD 530	350/950	Yes	Yes	Yes	No	2133/1600/NA
<a href="#">i3-4370T</a>	4th Gen	Not Boxed	Q2'15	LGA1150	3.3	4	2/4	35W	HD 4400	200/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4360T</a>	4th Gen	Not Boxed	Q3'14	LGA1150	3.2	4	2/4	35W	HD 4600	200/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4350T</a>	4th Gen	Not Boxed	Q2'14	LGA1150	3.1	4	2/4	35W	HD 4600	200/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4330T</a>	4th Gen	Not Boxed	Q3'13	LGA1150	3	4	2/4	35W	HD 4600	200/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4170T</a>	4th Gen	Not Boxed	Q2'15	LGA1150	3.2	3	2/4	35W	HD 4400	200/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4160T</a>	4th Gen	Not Boxed	Q3'14	LGA1150	3.1	3	2/4	35W	HD 4400	200/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4150T</a>	4th Gen	Not Boxed	Q2'14	LGA1150	3	3	2/4	35W	HD 4400	200/1150	Yes	Yes	Yes	No	NA/1600/1600
<a href="#">i3-4130T</a>	4th Gen	<a href="#">BX80646I34130T</a>	Q3'13	LGA1150	2.9	3	2/4	35W	HD 4400	200/1150	Yes	Yes	Yes	No	NA/1600/1600

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### Intel® Core™ i3 Desktop Processor Top Support Documents

<a href="#">Technical Documents (Datasheets, Design Guides, etc)</a>	Technical resources for the processors
<a href="#">Intel® Desktop Processor Support Resources</a>	This document contains the most commonly sought after information on Intel® Desktop Processors.
<a href="#">Overview of Intel® Processor Tools</a>	This document provides links to popular Intel® processor tools, with a description on what they do.
<a href="#">Desktop Processor Warranty Frequently Asked Questions</a>	This documents provides answers to the most frequent questions we receive regarding processor warranty.
<a href="#">Intel® Processor Installation Center</a>	

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