### 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.

### Processor Name and Generation

<table>
<thead>
<tr>
<th>Processor Name and Generation</th>
<th>Ordering</th>
<th>Package Specification</th>
<th>Performance</th>
<th>Processor Graphics</th>
<th>Security &amp; Reliability</th>
<th>Advanced Technologies</th>
<th>Memory Specifications</th>
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<tbody>
<tr>
<td>i5-4430</td>
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<td>Q2'13</td>
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<td>BX80677I57400</td>
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<td>i5-4820</td>
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<td>Q2'16</td>
<td>BX80646I54820</td>
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<td>Q1'17</td>
<td>BX80646I56500</td>
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</tbody>
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* The value in column (Maximum DDR4/DDR3L/DDR3) is the maximum value, please refer to the product specification page for other possible values supported

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## Intel® Core™ i5 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 4) for specifications.

### Low Power Desktop Processors

| Processors Number | Processors Generation | Launch Year | Box Order Number | Compatible Motherboards | Processors Socket | Processor Base Frequency (GHz) | Max Turbo Frequency (GHz) | Cache (MB) | Cores/Threads | Thermal Design Power (Watts) | Intel® Graphics | Base Speed (MHz) | Advanced Technologies | Intel® APR Area
<table>
<thead>
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<tbody>
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<td>Not Boxed</td>
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<td>4.00</td>
<td>6/6</td>
<td>6/6</td>
<td>115W</td>
<td>Intel® HD 630</td>
<td>3400</td>
<td>Intel® Virtualization Technology</td>
<td>No</td>
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<td>6th Gen</td>
<td>Q3'13</td>
<td>Not Boxed</td>
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<td>LGA1150</td>
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<td>3.60</td>
<td>6/6</td>
<td>6/6</td>
<td>115W</td>
<td>Intel® HD 630</td>
<td>3400</td>
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<td>6/6</td>
<td>6/6</td>
<td>115W</td>
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<td>3400</td>
<td>Intel® Virtualization Technology</td>
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<td>115W</td>
<td>Intel® HD 630</td>
<td>3500</td>
<td>Intel® Virtualization Technology</td>
<td>No</td>
</tr>
</tbody>
</table>

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**Technical Documents & Datasheets, Design Guides, etc.**

**Intel® Core™ i5 Desktop Processor Top Support Documents**

- Intel® Core™ i5 Desktop Processors Comparison Chart
- Intel® Core™ i5 Desktop Processors Datasheets
- Intel® Core™ i5 Desktop Processors Design Guides

**Technical resources for the processors**

- Intel® Core™ i5 Desktop Processors Comparison Chart
- Intel® Core™ i5 Desktop Processors Datasheets
- Intel® Core™ i5 Desktop Processors Design Guides

**Intel® Core™ i5 Desktop Processors that have Intel® HD Graphics**

- Intel® Core™ i5 Desktop Processors Comparison Chart
- Intel® Core™ i5 Desktop Processors Datasheets
- Intel® Core™ i5 Desktop Processors Design Guides

**Intel® Desktop Processors Motherboard Compatibility Tool**

- Use this tool to find compatible motherboards for the Intel® Desktop Processor

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