

Intel® Desktop Compatibility Tool Help

What does the Intel Desktop Compatibility Tool Do?

The tool provides compatibility information for Intel® desktop processors and desktop boards. The desktop boards include Intel boards and 3rd party motherboard vendor boards. The results indicate which products are compatible, and provide details on specific board, processor, or BIOS revisions that may be required for compatibility. Also included is basic part specifications and links to more information.

How do I find compatibility results?

The Intel Desktop Compatibility Tool provides multiple ways of finding compatibility information on Intel products. You can browse to select a product, or search.

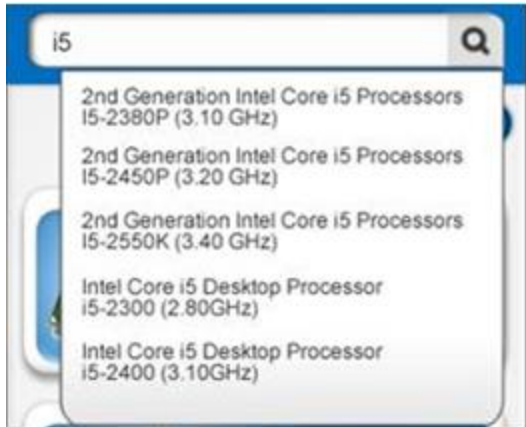
Select the Desktop Processors button to browse the list of products. Select a processor family, then a single processor to see a list of compatible boards.



Select the Desktop Boards button to browse the list of products. Select a board chipset series, then a single board to see a list of compatible processors.



Select search at the top of the page. Enter a board or Intel processor name into the search field to get a list of compatible parts. The search field will auto-populate to show the first 50 matches based on what you type.

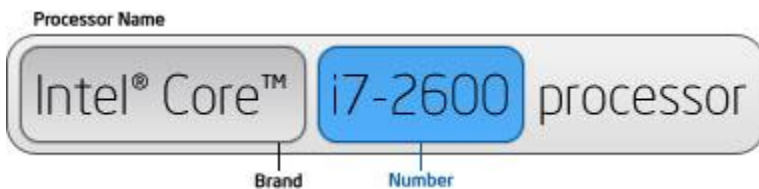


How do I identify my Intel processor to find its compatibility results in the tool?

Identifying your Intel processor number

If you are not sure what processor you have, there are several ways to find the information.

Intel processor numbers allow you to quickly differentiate among processors within a product family. As shown in the example below, this number plus the processor family comprise the overall "processor name".



The processor number is listed on a label on the front of an Intel boxed processor box. It is also provided on the top of the heat spreader on Intel desktop processors. See examples below.



For more information about Intel processor numbers, visit http://www.intel.com/products/processor_number/index.htm

To identify an Intel processor that is already installed in a computer, use the Intel Processor Identification Utility found here: <http://www.intel.com/support/processors/tools/piu/u/>

How is compatibility determined?

The Intel Compatibility Tool results are intended as a guide for which products should work together. The compatibility results are determined based on the following matching attributes:

1. Core Codename (Sandy Bridge, Haswell..)
2. Chipset (H61, Q87..)
3. Wattage - If the board is a 95 watts, the processor must also be 95 watts or less.
4. Socket (LGA1155, LGA2011..)

Due to potential changes in products, BIOS, software, and the like, Intel is unable to warrant that the processors and motherboards listed in the results are compatible. Please check with the motherboard and/or barebones PC vendor for current compatibility information regarding specific product models. The motherboard and/or barebones PC vendor remains solely responsible for the design, sale and functionality of its product, including, without limitation, any liability arising from product infringement or product warranty.

What does "Add in Graphics Card" mean?

Add-in Graphics Card Required means that the combination of motherboard and processor do not support on-chip or on-board graphics and an add-in graphic card is required. Some motherboards do not have a video connector and some processors do not have on-chip graphics. In either case, the user would need to purchase an add-in graphics card in order to have video output.

Additional Help

For additional questions about compatibility, contact customer support:

http://www.intel.com/p/en_US/support/contactsupport

For suggestions about the Compatibility website, send us

feedback: <http://processormatch.intel.com/FeedBack>

For Processor information not listed in this tool, go to ARK: <http://ark.intel.com/>

For Intel board information not listed in this tool, go to:

<http://www.intel.com/support/motherboards/desktop/sb/CS-023522.htm>

For Server product information go to: <https://serverconfigurator.intel.com>

For 3rd party board information, see the manufacturer's website. Each board has a 'More Information' link.