

Intel® Core™ i5-8600K Processor

9M Cache, up to 4.30 GHz

Specifications

Compatible Products

Product Images

Ordering and Compliance

Ordering and spec information

Boxed Intel® Core™ i5-8600K Processor (9M Cache, up to 4.30 GHz) FC-LGA14C

Spec Code SR3QU

Ordering Code BX80684I58600K

Step U0

RCP \$258.00

Boxed Intel® Core™ i5-8600K Processor (9M Cache, up to 4.30 GHz) FC-LGA14C, for China

Spec Code SR3QU

Ordering Code BXC80684I58600K

Step U0

Intel® Core™ i5-8600K Processor (9M Cache, up to 4.30 GHz) FC-LGA14C, Tray

Spec Code SR3QU

Ordering Code CM8068403358508

Step U0

RCP \$257.00

Trade compliance information

ECCN 5A992C

CCATS G077159

US HTS 8542310001

PCN/MDDS Information

SR3QU

960620 PCN | MDDS

961570 PCN | MDDS

961576 PCN | MDDS

Downloads and Software

All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

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Refer to Datasheet for formal definitions of product properties and features.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

See http://www.intel.com/content/www/us/en/architecture-and-technology/hyper-threading/hyper-threading-technology.html? wapkw=hyper+threading for more information including details on which processors support Intel® HT Technology.

Max Turbo Frequency refers to the maximum single-core processor frequency that can be achieved with Intel® Turbo Boost Technology. See www.intel.com/technology/turboboost/ for more information.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers, typically represent 1,000-unit purchase quantities, and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. If sold in bulk, price represents individual unit. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

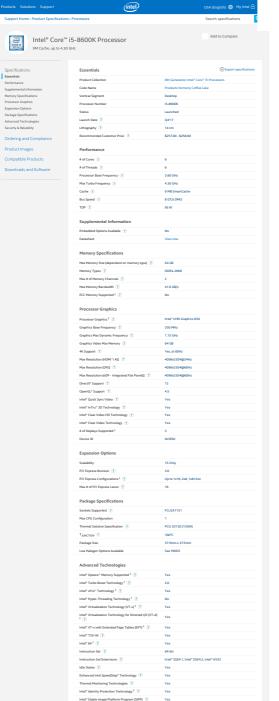
System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

For benchmarking data see http://www.intel.com/performance.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See http://www.intel.com/content/www/us/en/processor-numbers.html for details.

Processors that support 64-bit computing on Intel® architecture require an Intel 64 architecture-enabled BIOS.



re support options for Intel® Core® i5-8600K Processor (9M Cache, up to 4.30 GHz)

Intel® Obstace Guard Extensions (Intel® SQQ)
Intel® Memory Protection Extensions (Intel® MQQ)
Intel® Obstace
Intel® OS Guard
Intel® Trusted Execution Technology I
Execute Disable Bit I
Intel® Boot Guard
Intel® Boot Guard
Intel®





Security & Reliability







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