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☒ Yes ☐ No

Essen

Package Specifications

Advanced Technologies

Intel® Platform Protection Technology


COMPATIBLE PRODUCTS

PRODUCT IMAGES

ORDERING / SSPECS / STEPPINGS

Package Specifications	
T _J Junction	100°C
Package Size	35mm x 35mm
Processing Die Size	143 mm ²
# of Processing Die Transistors	291 million
Sockets Supported	PBGA479, PPGA478
Low Halogen Options Available	See MDDS

Advanced Technologies

Intel® Platform Protection Technology		
Trusted Execution Technology†		No
Execute Disable Bit ‡		Yes

Intel® Platform Protection Technology

Trusted Execution Technology†	 No
Execute Disable Bit ‡	 Yes

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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/processors/processor-numbers.html> for details.

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

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

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers and are subject to change without notice. Taxes and shipping, etc. not included.

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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.

‡ 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.

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.

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

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

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