

UART	Yes
Integrated IDE	No
Integrated LAN	No
Total # of SATA Ports	2
USB Revision	2.0, 3.0

Package Specifications	
JUNCTION	-40°C to 110°C
Package Size	25mm x 27mm
Sockets Supported	FCBGA1170

Low Halogen Options Available		See MDDS
Advanced Technologies		
Intel® vPro Technology ‡	9	No
Intel® Hyper-Threading Technology #	2	No
Intel® Virtualization Technology (VT-x) ±	3	Yes
Intel® Virtualization Technology for Directed I/O (V d) $\pm$	т-	No
Intel® 64 ±	3	Yes

Intel® Data Protection Technology		
AES New Instructions	Yes	

Yes

Intel® Platform Protection Technology		
Trusted Execution Technology #	0	No
Execute Disable Bit +		Yes

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"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, i7-2630QWi7-2635QW, i7-2670QWi7-2675QW, i5-2430Wi5-2435W, i5-2410Wi5-2415W. Rease contact OEM for the BIOS that includes the latest Processor configuration update.

‡ This feature may not be available on all computing systems. Rease 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 Oustomer 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. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. Listing of these RCP does not constitute a formal pricing offer from Intel. Rease 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.

Intel® HD Audio Technology

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

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

Send us your feedback!

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