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Package Specifications			
JUNCTION	110°C		
Package Size	22mmx22mm		
Sockets Supported	FCBGA676		
Low Halogen Options Available	See MDDS		

Advanced Technologies		
Intel® Turbo Boost Technology‡		No
Intel® Hyper-Threading Technology‡	2	Yes
Intel® Virtualization Technology (VT-x) ‡	2	Yes
Intel® Virtualization Technology for Directed I/d) \ddagger	O (VT-	No
Intel® 64 ‡	2	No
Idle States		Yes
Enhanced Intel SpeedStep® Technology	2	Yes
Intel® Demand Based Switching	2	No
Thermal Monitoring Technologies		Yes

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

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

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.

Systemand Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all VOs 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. 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. Please work with your appropriate Intel representative to obtain a formal price quotation.

‡ 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.

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.

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.html?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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