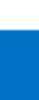
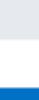
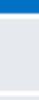
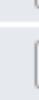
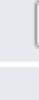
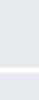
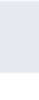
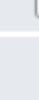
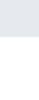


Intel® Core™ i5-2410M Processor
(3M Cache, up to 2.90 GHz)

Specifications
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Graphics Specifications
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Specifications	
Essentials	
Status	Launched
Launch Date	Q1'11
Processor Number	i5-2410M
Intel® Smart Cache	3 MB
DMI	5 GT/s
Instruction Set	64-bit
Instruction Set Extensions	AVX
Embedded Options Available	 No
Lithography	32 nm
Recommended Customer Price	N/A
Datasheet	Link
Performance	
# of Cores	2
# of Threads	4
Processor Base Frequency	2.3 GHz
Max Turbo Frequency	2.9 GHz
TDP	35 W
Memory Specifications	
Max Memory Size (dependent on memory type)	16 GB
Memory Types	DDR3 1066/1333
Max # of Memory Channels	2
Max Memory Bandwidth	21.3 GB/s
ECC Memory Supported‡	 No
Graphics Specifications	
Processor Graphics‡	Intel® HD Graphics 3000
Graphics Base Frequency	650 MHz
Graphics Max Dynamic Frequency	1.2 GHz
Graphics Output	eDP/DP/HDMI/SDVO/CRT
Intel® Quick Sync Video	 Yes
Intel® InTru™ 3D Technology	 Yes
Intel® Wireless Display	 Yes
Intel® Flexible Display Interface (Intel® FDI)	 Yes
Intel® Clear Video HD Technology	 Yes
Macrovision* License Required	No
# of Displays Supported‡	2
Expansion Options	
PCI Express Revision	2.0
PCI Express Configurations‡	1x16, 2x8, 1x8+2x4
Max # of PCI Express Lanes	16
Package Specifications	
TJUNCTION	100 C
Package Size	37.5mmx37.5mm (rPGA988B); 31mm x 24mm (BGA1023)
Graphics and IMC Lithography	32 nm
Sockets Supported	FCBGA1023, PPGA988
Low Halogen Options Available	See MDDs
Advanced Technologies	
Intel® Turbo Boost Technology‡	2.0
Intel® vPro Technology‡	 No
Intel® Hyper-Threading Technology‡	 Yes
Intel® Virtualization Technology (VT-x)‡	 Yes
Intel® Virtualization Technology for Directed I/O (VT-d)‡	 No
Intel® VT-x with Extended Page Tables (EPT)‡	 Yes
Intel® 64‡	 Yes
Intel® My WiFi Technology	 Yes
4G WiMAX Wireless Technology	 Yes
Idle States	 Yes
Enhanced Intel SpeedStep® Technology	 Yes
Intel® Demand Based Switching	 No
Thermal Monitoring Technologies	 Yes
Intel® Fast Memory Access	 Yes
Intel® Flex Memory Access	 Yes
Intel® Identity Protection Technology‡	 Yes
Intel® Data Protection Technology	
AES New Instructions	 No
Intel® Platform Protection Technology	
Trusted Execution Technology‡	 No
Execute Disable Bit‡	 Yes
Anti-Theft Technology	 Yes

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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.

Conflict-free and *conflict-free* means "DRC conflict free", which is defined by the U.S. Securities and Exchange Commission rules to mean products that do not contain conflict minerals (tin, tantalum, tungsten and/or gold) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or adjoining countries. Intel also uses the term "conflict-free" in a broader sense to refer to supplies, supplies chain, conflicts and refer to where a source of conflict minerals originates from. The DRC Administered by the United Nations, Intel does not manufacture products in the DRC after 2012. Confirmed conflict-free accessories, such as heat sinks/coolers.

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

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

The Recommended Customer Price (RCP) is a price quote and frequency quote. Prices are quoted to Intel customers and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment types. Price is a quantity price and is not a formal price quotation.

Appropriate Intel representatives may contact you for a formal price quotation.

System and Max TDP based on worst case scenarios. Actual TDP may be lower if not all PEs for chipsets are used.

Low Halogen: Applies to only 128GB of 248GB total requirements. (BFRs/BrP) and Pb in halogenated products. Intel and/or its suppliers may not be present for the entire assembly. Intel is not responsible for the assembly of the entire system.

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 re-enabled BIOS.

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