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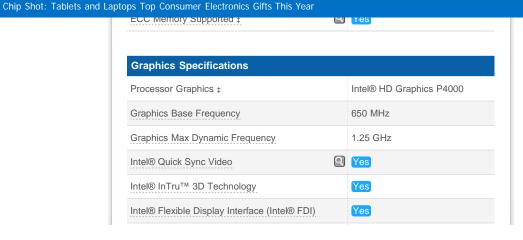
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PCN/MDDS Information

SR0PJ
 919975: PCN | MDDS
 920746: PCN | MDDS

USA (English) >



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STEPPINGS

COMPATIBLE PRODUCTS

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# of Displays Supported ‡		3
# of Displays Supported ‡		
Expansion Options		
PCI Express Revision		3.0
PCI Express Configurations ‡		1x16 & 1x4, 2x8 & 1x4 or 1x8 & 3x4
Package Specifications		
Max CPU Configuration		1
Sockets Supported		FCLGA1155, FCLGA1155
Low Halogen Options Available		See MDDS
Advanced Technologies		
Intel® Turbo Boost Technology ‡		2.0
Intel® vPro Technology ‡	2	Yes
Intel® Hyper-Threading Technology ‡	2	No
Intel® Virtualization Technology (VT-x) ‡	9	Yes
Intel® Virtualization Technology for Directed (VT-d) ‡	I/O Q	Yes
Intel® VT-x with Extended Page Tables (EPT	<u>[]</u> .‡.	Yes
Intel® 64 ‡	9	Yes
Idle States		Yes
Enhanced Intel SpeedStep® Technology	2	Yes
Intel® Demand Based Switching	2	Yes
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	Q	Yes
Intel® Platform Protection Technology	,	
Trusted Execution Technology ‡	2	Yes
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.

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

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‡ 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.

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.

Check http://ipt.intel.com/ for systems that support Intel® Identity Protection Technology (Intel® IPT).

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.

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