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PCN/MDDS Information

903643: PCN

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Status	End of Interactive Support
Launch Date	Q1'10
Board Form Factor	Mini-ITX
Socket	BGA
Recommended Customer Price	N/A
Datasheet	Link
Board Chipset	Intel® NM10 Express Chipset (Intel® CG82NM10 PCH)

Max Memory Size (dependent on memory type)	4 GB
Memory Types	DDR2 667/800
Max # of Memory Channels	1
Max # of DIMMs	2
ECC Memory Supported ‡	No

Integrated Graphics ‡	Yes
Graphics Output	VGA, LVDS
# of Displays Supported ‡	2
Discrete Graphics	N/A

PCI Support	1
PCIe x1 Gen 2.x	0
PCIe x4 Gen 2.x	0
PCIe x8 Gen 2.x	0
PCIe x16 Gen 2.x	0

USB 2.0 Configuration (Back + Internal)	4+3
Total # of SATA Ports	2
# of eSATA Ports	0
RAID Configuration	N/A
# of PATA Ports	0
# of Parallel Ports	1
# of Serial Ports	2
Audio (back channel + front channel)	6-ch
Integrated LAN	10/100/1000
Firewire	0+0

Max CPU Configuration	1
Low Halogen Options Available	See MDDS

Intel® Virtualization Technology for Directed I/O (VT-d) ‡	No
Intel® vPro Technology ‡	No
Intel® ME Firmware Version	N/A
Intel® Remote Wake Technology	No
Intel® Remote PC Assist Technology	No
Intel® CIRA Technology	No
TPM	No
Intel® Quiet System Technology	No
Intel® HD Audio Technology	Yes
Intel® Matrix Storage Technology	No

Trusted Execution Technology ‡	No
Anti-Theft Technology	No

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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.

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

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 J5-709 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.

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