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Intel® Integrated RAID Module RMS25CB040

SPECIFICATIONS

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Specifications

Essentials	
Status	Launched
Launch Date	Q1'12
Expected Discontinuance	2H '14
Description	Intel® Integrated RAID Module RMS25CB040, SIOM Connector, LSI2208 ROC, 4P Internal SAS, MegaRAID SWStack, 1GB DDR3, R0,1,10,5,50,6,60
Target Market	Mainstream
Board Form Factor	SIO Module
Data Transfer Rate	6 Gb/s
Supported Devices	SAS/SATA
Supported Operating Systems	Windows, Linux, VMWare (see THOL)
Compatible Battery Backup Options	BBU9 and MFBU6
RAID Level Supported	0,1,5,6,10,50,60
# of Ports Internal	4
# of Ports External	0
# of Devices Supported	128
Embedded Memory	1GB
PCIe Host Interface	x8 PCIe Gen 2
IO Processor Model	LSI2208
Extended Warranty Available for Purchase (Select Countries)	No
Included Items	RAID Controller module, Quick Start User Guide, Mounting standoffs

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PCN/MDDS INFORMATION



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

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Hyper-Threading Technology (HT Technology) requires a computer system with an Intel® processor supporting HT Technology and an HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See www.intel.com/products/ht/hyperthreading_more.htm for more information including details on which processors support HT Technology.

64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Consult with your system vendor for more information.

Max Turbo Frequency refers to the maximum single-core frequency that can be achieved with Intel® Turbo Boost Technology, which requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. See www.intel.com/technology/turboboost/ for more information.

Enabling Execute Disable Bit functionality requires a PC with a processor with Execute Disable Bit capability and a supporting operating system. Check with your PC manufacturer on whether your system delivers Execute Disable Bit functionality.

Intel® Virtualization Technology requires a computer system with a processor, chipset, BIOS, virtual machine monitor (VMM) and for some uses, certain platform software, enabled for it. Functionality, performance or other benefit will vary depending on hardware and software configurations. Intel Virtualization Technology-enabled VMM applications are currently in development.

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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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.

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.