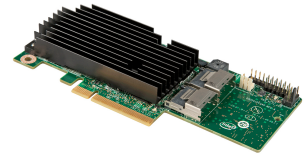


## Intel RMS25KB040 RAID controller PCI Express x8 2.0 6 Gbit/s



**Brand :** Intel

**Product code:** RMS25KB040

**Product name :** RMS25KB040

Integrated RAID Module RMS25KB040

[Intel RMS25KB040 RAID controller PCI Express x8 2.0 6 Gbit/s:](#)

Ideal for servers and workstations needing high-speed data transfer within a small hardware footprint, the Intel RAID Module RMS25KB080/040 delivers a 1U capable design with high-throughput for internal storage applications. This RAID controller provides SAS capability that allows compatibility with 6Gb/s and 3Gb/s SAS and SATA hard drives, and SAS expander devices.

While many other SAS controllers are driven by large RAID software stacks between the host CPU and controller, the RMS25KB080/040 utilizes the embedded CPU in the LSI 2308 ASIC to perform RAID 0, 1, and 1E/10 operations. With the reduction in RAID overhead, the RMS25KB080/040 offers superior internal READ/WRITE performance.

Ports & interfaces		Technical details	
Supported storage drive interfaces *	SAS, Serial ATA	Status	Launched
Host interface *	PCI Express x8	Last change	64157765
PCI Express slots version	2.0	End of life date announce	Monday, December 31, 2018
Internal mini-SAS ports	4	Expected discontinuance date	Q4'19
Performance		Extended warranty available for purchase (select countries)	✗
RAID levels *	0, 1, 1E	Last order date	2019-06-27 05:12:25
Data transfer rate	6 Gbit/s	Last receipt attributes date	Tuesday, October 01, 2019
Form factor	SIO	Target market	Entry
Chipset	LSI2308 SAS	System requirements	
S.M.A.R.T. support	✓	Windows operating systems supported	✓
Number of devices supported	128	Linux operating systems supported	✓
Processor		Weight & dimensions	
Processor model	LSI2308	Packaging content	(1) RAID Controller module, Quick Start User Guide, 1 standard & 1 Low Profile bracket. Note: Cables sold separately
Power		Other features	
Voltage	12 V	Ports quantity	4
Technical details		Internal ports	4
Born on date	Q1'12	Supported devices	SAS/SATA
Data transfer rate	6144 Mbit/s	Market segment	Server
Launch date	Q1'12	RAID ARK ID	60289
PCI Express host interface	PCIe x8 Gen2		
Product name	Intel Integrated RAID Module RMS25KB040		
Product type	RAID		
RAID keying	PCIe x8		



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