

## Intel RMS25JB040 RAID controller PCI Express x8 2.0 6 Gbit/s

**Brand :** Intel

**Product code:** RMS25JB040

**Product name :** RMS25JB040



Integrated RAID Module RMS25JB040

[Intel RMS25JB040 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 RMS25JB080/040 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 RMS25JB080/040 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 RMS25JB080/040 offers superior internal READ/WRITE performance.

Ports & interfaces		Technical details	
Supported storage drive interfaces *	SAS, Serial ATA	Last change	63903513
Host interface *	PCI Express x8	End of life date announce	Thursday, February 28, 2019
PCI Express slots version	2.0	Expected discontinuance date	Q3'19
Internal mini-SAS ports	4	Extended warranty available for purchase (select countries)	✓
Performance		Last order date	Wednesday, August 28, 2019
RAID levels *	1, 10, 1E, JBOD	Last receipt attributes date	Saturday, November 30, 2019
Data transfer rate	6 Gbit/s	Target market	Entry
Form factor	Storage Connector Module	System requirements	
SSD support	✗	Windows operating systems supported	✓
Chipset	LSI2308 SAS	Linux operating systems supported	✓
S.M.A.R.T. support	✓	Compatible operating systems	Windows Vista/2008/Server 2003/2000/XP, Linux, Solaris(x86), Netware, FreeBSD, VMware
Number of devices supported	128	Weight & dimensions	
Processor		Packaging content	(1) RAID Controller module, Quick Start User Guide, Mounting standoffs
Processor model	LSI2308	Logistics data	
Power		Harmonized System (HS) code	8471801000
Voltage	12 V	Other features	
Technical details		Connector(s)	SIOM
Born on date	Q1'12	Ports quantity	4
Data transfer rate	6144 Mbit/s	Internal ports	4
Launch date	Q1'12	Supported devices	SAS/SATA
PCI Express host interface	PCIe x8 Gen2	Market segment	Server
Product name	Intel Integrated RAID Module RMS25JB040	RAID ARK ID	60287
Product type	RAID		
RAID keying	SIOM Connector		
Status	Launched		



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