Intel RMS25JB080 RAID controller PCI Express x8 6 Gbit/s

Brand : Intel

Product code: RMS25JB080

Product name : RMS25JB080

8 Ports, SAS, x8 PCIe, 6 Gb/s, RAID 0/1/1E, 12V

Intel RMS25JB080 RAID controller PCI Express x8 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	
Supported storage drive interfaces *	SAS
Host interface *	PCI Express x8
Internal mini-SAS ports	8
Performance	
RAID levels *	0, 1, 1E
Data transfer rate	6 Gbit/s
Form factor	Storage Connector Module
SSD support	✗
Chipset	LSI2308 SAS
S.M.A.R.T. support	✓
Number of devices supported	128
Processor	
Processor model	LSI2308
Power	
Voltage	12 V
Technical details	
Born on date	Q1'12
Data transfer rate	6144 Mbit/s
Launch date	Q1'12
PCI Express host interface	PCIe x8 Gen2
Product name	Intel Integrated RAID Module RMS25JB080
Product type	RAID
RAID keying	SIOM Connector

Technical details	
Status	Launched
Last change	63903513
End of life date announce	Thursday, February 28, 2019
Expected discontinuance date	Q3'19
Extended warranty available for purchase (select countries)	✓
Last order date	Wednesday, August 28, 2019
Last receipt attributes date	Saturday, November 30, 2019
Target market	Entry
System requirements	
Windows operating systems supported	✓
Linux operating systems supported	✓
Weight & dimensions	
Packaging content	(1) RAID Controller module, Quick Start User Guide, Mounting standoffs. Note: Cables sold separately
Logistics data	
Harmonized System (HS) code	8471801000
Other features	
Internal ports	8
Supported devices	SAS/SATA
Market segment	Server
RAID ARK ID	60286

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