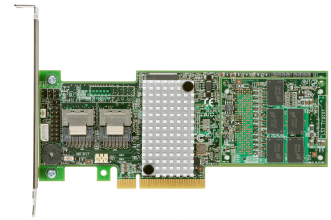


Intel RS25DB080 RAID controller PCI Express x8 2.0 6 Gbit/s

Brand : Intel

Product code: RS25DB080

Product name : RS25DB080



RAID Controller RS25DB080

[Intel RS25DB080 RAID controller PCI Express x8 2.0 6 Gbit/s:](#)

The Intel RAID Controller RS25DB080, a second generation SAS-2/SATA-3 card with eight internal ports, delivers two 800MHz processor cores and a 72-bit DDR3 interface that drives 1 GB cache memory. For users implementing hybrid server platforms based on solid-state storage, the Intel RS25DB080 unleashes the IOPs and throughput potential of SSDs to provide exceptional storage performance. Users deploying this controller in HDD-based server environments are likely to experience significant performance gains compared to previous generation controllers.

Intel RS25DB080. Supported storage drive interfaces: SAS, Serial ATA II, Serial ATA III, Host interface: PCI Express x8. RAID levels: 0, 1, 10, 5, 50, 6, 60, Data transfer rate: 6 Gbit/s, Form factor: Low Profile MD2 Card. Processor frequency: 800 MHz, Processor family: Dual-Core, Processor model: LSI2208. Voltage: +3.3 V. Compatible operating systems: Windows, Linux, Solaris, VMware

Ports & interfaces

Supported storage drive interfaces *	SAS, Serial ATA II, Serial ATA III
Host interface *	PCI Express x8
PCI Express slots version	2.0
Internal mini-SAS ports	8

Performance

RAID levels *	0, 1, 10, 5, 50, 6, 60
Data transfer rate	6 Gbit/s
Form factor	Low Profile MD2 Card
Connector orientation	Top
SSD support	✓
Internal memory	1024 MB
Internal memory type	DDR3
Memory clock speed	800 MHz
S.M.A.R.T. support	✓
Number of devices supported	128
Compatible battery backup options	AXXRSBBU9

Processor

Processor family	Dual-Core
Processor model	LSI2208

Power

Voltage	+3.3 V
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Technical details

Born on date	Q1'11
Data transfer rate	6144 Mbit/s
Launch date	Q1'11
PCI Express host interface	PCIe x8 Gen3
Product name	Intel RAID Controller RS25DB080
Product type	RAID
RAID connector orientation	Top
RAID keying	PCIe x8 Connector
Status	Launched
Last change	64157813
End of life date announce	Monday, December 31, 2018
Expected discontinuance date	Q4'19
Extended warranty available for purchase (select countries)	✓
Last order date	2019-06-27 05:12:25
Last receipt attributes date	Tuesday, October 01, 2019
Target market	Scalable Performance

System requirements

Windows operating systems supported	✓
Linux operating systems supported	✓
Compatible operating systems	Windows, Linux, Solaris, VMware

Weight & dimensions

Width	64 mm
Depth	168 mm
Packaging content	Raid Controller, Quick Start User Guide, 1 standard & 1 Low Profile bracket. No SAS Cables are included.

Other features

PCI Card form factor	Half-height (low-profile)
Intel long life	✗

Performance		Other features	
Compatible products	Workstation Board S5520SC, W2600CR2; Server Board S5520UR, S5520HC, S5500BC, S5500WB, S5500HCV, S5500HV, S3420GPLC, S5500WB12V, S3420GPLX, S3420GPV, S3420GPRX, S5520HCT, S1200BTL, S1200BTS, S2600GZ, S2600GL, S2600CP2, S2600CP4, S2600CO4, S2600IP4, S5520URT, S2400SC2, S2400EP2, S2400EP4, S2400GP2, S2400GP4, S1400FP2, S1400SP2, S1400SP4, S2600COE, S2600CP2IOC, S2600CP4IOC, S2600COEIOC, S1400FP4; Workstation System SC5650SCWS, P4304CR2LFKN, P4304CR2LFJN, P4304CR2LFGN; Server System SR1630BCR, SC5650BCDPR, SC5650HCBRPR, SR2625URLXR, SR2625URLXT, SR2625URBRPR, SR1600URR, SR1600URHSR, SR1625URR, SR1625URSASR, SR2600URBRPR, SR2600URLXR, SR2600URSATAR, SR1695WBAC, SR1695WBDC, SR1690WBR, R1304GZ4GC, R1208GZ4GC, R1208GL4DS, R1208GZ4GCSAS, R2208GZ4GC, R2216GZ4GC, R2308GZ4GC, R2208GL4GS, R2308GL4GS, R2312GL4GS, R2208GZ4GC10G, R2224GZ4GCSAS, R2312GZ4GCSAS, R2224IP4LHPC, R2216IP4LHPC, R2312IP4LHPC, P4308CP4MHEN, P4308CP4MHGC, P4208CP4MHGC, P4224IP4LHKC, P4216IP4LHKC, P4216IP4LHJC, P4208IP4LHGC, P4308IP4LHKC, P4308IP4LHJC, P4308IP4LHGC, P4304SC2SFEN, P4304SC2SHDR, R1304BB4DC, R1208BB4DC, R2208BB4GC, R2216BB4GC, R2308BB4GC, R2216GZ4GCLX, R2208GZ4IS, R2208IP4LHPC, R2308IP4LHPC, R2224BB4GCSAS, R2312BB4GCSAS, R2308SC2SHFN, R2308SC2SHDR, R2312SC2SHGR, P4308IP4LHJCL, R2224GZ4GC4, R2312GZ4GC4, R2312BB4GS9, R2208BB4GS9, R1304BB4GS9, R1208BB4GS9	Number of products included	1 pc(s)
			Internal ports
		Other features	Support for Premium Feature Options
		Supported devices	SAS/SATA
		Market segment	Server
		RAID ARK ID	55793
Processor			
Processor frequency	800 MHz		



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