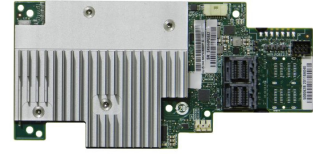


Intel RMSP3CD080F RAID controller PCI Express x8 3.0 12288 Gbit/s



Brand : Intel

Product code: RMSP3CD080F

Product name : RMSP3CD080F

Tri-mode PCIe/SAS/SATA Full-Featured RAID Mezzanine Module, 8 internal ports

[Intel RMSP3CD080F RAID controller PCI Express x8 3.0 12288 Gbit/s:](#)

Tri-mode Intel® RAID Controllers Bring PCIe NVMe to Hardware RAID

The Intel® RAID Module RMSP3CD080F is designed for use in content and web hosting appliances, security appliances, financial institutions, cloud service providers, and enterprise IT. Its mezzanine form factor is designed for the 2U Intel® Server Board S2600WF product family to enable storage flexibility without using a PCIe slot. It supports RAID levels 0/1/10/5/50/6/60 and optional maintenance-free cache backup with 4 GB DDR4. With eight internal ports, the Intel® RAID Module RMSP3CD080F enables NVMe, SAS, and SATA performance and scalability. It provides high uptime for mass storage, with maximum reliability for high-intensity workloads.

Target Applications

Content and web hosting appliances, security appliances, financial institutions, cloud service providers, and enterprise IT.

Ports & interfaces		Technical details	
Supported storage drive interfaces *	PCI Express, SAS, Serial ATA	Launch date	Q3'17
Host interface *	PCI Express x8	PCI Express host interface	PCIe x8 Gen3
PCI Express slots version	3.0	Product type	RAID
Internal mini-SAS ports	2	RAID connector orientation	Vertical
Performance		RAID keying	SIOM
RAID levels *	0, 1, 10, 5, 50, 6, 60	Status	Launched
Data transfer rate	12288 Gbit/s	Last change	63903513
Form factor	Mezzanine Module	Expected discontinuance date	Q2'23
Internal memory	4096 MB	Extended warranty available for purchase (select countries)	✓
Internal memory type	DDR4	Last order date	2019-08-03 05:00:37
Memory clock speed	2133 MHz	Target market	Full-featured
Chipset	SAS3508	System requirements	
JBOD function	✓	Windows operating systems supported	✓
S.M.A.R.T. support	✓	Linux operating systems supported	✓
Number of devices supported	240	Compatible operating systems	Windows, Linux, VMWare
Online Capacity Expansion	✓	Weight & dimensions	
Export Control Classification Number (ECCN)	4A994B	Packaging content	(1) Intel RAID Module, (4) standoffs, and (4) standoff locking pins
Commodity Classification Automated Tracking System (CCATS)	NA	Logistics data	
Compatible battery backup options	AXXRMFBU7	Harmonized System (HS) code	8471801000
Compatible products	S2600WF0, S2600WFT, R1208WFTYS, R1304WF0YS, R1304WFTYS, R2208WF0ZS, R2208WFTZS, R2224WFTZS, R2308WFTZS, R2312WF0NP, R2312WFTZS, AXXRMFBU7	Other features	
Processor		Internal ports	8
Built-in processor	✓	Other features	Support for optional Maintenance Free Backup Unit and Premium Feature upgrade keys.
Processor model	LSISAS3508	Supported devices	PCIe/SAS/SATA
		Market segment	Server
		RAID ARK ID	99498
		Additional features	Support for optional Maintenance Free Backup Unit and Premium Feature upgrade keys.



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