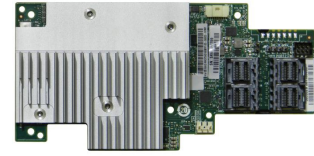


Intel RMSP3AD160F RAID controller PCI Express x8 3.0

Brand : Intel

Product code: RMSP3AD160F

Product name : RMSP3AD160F



Tri-mode PCIe/SAS/SATA Full-Featured RAID Mezzanine Module, 16 internal ports

[Intel RMSP3AD160F RAID controller PCI Express x8 3.0:](#)

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

Intel® RAID Module RMSP3AD160F 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 sixteen internal ports, the Intel® RAID Module RMSP3AD160F enables exceptional 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	RAID connector orientation	Vertical
Host interface *	PCI Express x8	RAID keying	SIOM
PCI Express slots version	3.0	Status	Launched
Internal mini-SAS ports	4	Last change	63903513
Performance		Expected discontinuance date	Q2'23
RAID levels *	0, 1, 10, 5, 50, 6, 60	Extended warranty available for purchase (select countries)	✓
Form factor	Mezzanine Module	Last order date	2019-08-03 05:00:37
Internal memory	4096 MB	Target market	Full-featured
Internal memory type	DDR4	System requirements	
Memory clock speed	2133 MHz	Windows operating systems supported	✓
Chipset	SAS3516	Linux operating systems supported	✓
JBOD function	✓	Compatible operating systems	Windows, Linux, VMWare
S.M.A.R.T. support	✓	Weight & dimensions	
Number of devices supported	240	Packaging content	(1) Intel RAID Module, (4) standoffs, and (4) standoff locking pins
Online Capacity Expansion	✓	Logistics data	
Export Control Classification Number (ECCN)	4A994B	Harmonized System (HS) code	8471801000
Commodity Classification Automated Tracking System (CCATS)	NA	Other features	
Compatible battery backup options	AXXRMFBU7	Internal ports	16
Processor		Other features	Support for optional Maintenance Free Backup Unit and Premium Feature upgrade keys.
Built-in processor	✓	Supported devices	PCIe/SAS/SATA
Processor model	LSISAS3516	Market segment	Server
Technical details		RAID ARK ID	99501
Launch date	Q3'17	Additional features	Support for optional Maintenance Free Backup Unit and Premium Feature upgrade keys.
PCI Express host interface	PCIe x8 Gen3		
Product type	RAID		



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