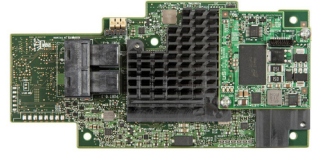


Intel RMS3CC040 RAID controller PCI Express x8 3.0 12 Gbit/s

Brand : Intel

Product code: RMS3CC040

Product name : RMS3CC040

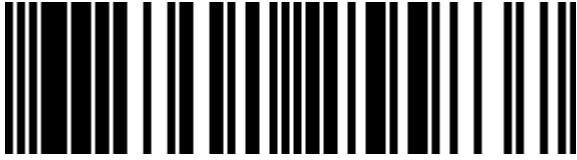


Integrated RAID Module RMS3CC040

Intel RMS3CC040 RAID controller PCI Express x8 3.0 12 Gbit/s:

A 12-Gb four internal port SAS 3.0 mezzanine card with dual core RAID-On-Chip (ROC), RAID levels 0,1,5,6, PCIe Generation 3, and an optional Maintenance Free Backup Unit. Intel RMS3CC040. Supported storage drive interfaces: SAS, Serial ATA, Host interface: PCI Express x8. RAID levels: 0, 1, 10, 5, 50, 6, 60, Data transfer rate: 12 Gbit/s, Form factor: Storage Connector Module. Built-in processor: SAS3108, Processor family: LSI, Processor model: LSISAS3108. Compatible operating systems: Windows, Linux, VMware. Packaging content: (1) Intel Integrated RAID Module RMS3CC040, (4) standoffs, and (4) standoff locking pins

Ports & interfaces		Technical details	
Supported storage drive interfaces *	SAS, Serial ATA	Data transfer rate	12288 Mbit/s
Host interface *	PCI Express x8	Launch date	Q3'14
PCI Express slots version	3.0	PCI Express host interface	PCIe x8 Gen3
Internal SAS ports	4	Product name	Intel Integrated RAID Module RMS3CC040
Performance		Product type	RAID
RAID levels *	0, 1, 10, 5, 50, 6, 60	RAID connector orientation	Side
Data transfer rate	12 Gbit/s	RAID keying	SIOM
Form factor	Storage Connector Module	Status	Launched
Connector orientation	Side	Last change	63903513
Internal memory	1024 MB	Expected discontinuance date	Q2'23
Internal memory type	DDR3	Extended warranty available for purchase (select countries)	✓
Memory clock speed	1866 MHz	Last order date	2019-08-03 05:00:37
JBOD function	✗	Target market	Mainstream
Number of devices supported	128	System requirements	
Sustained data transfer rate (native)	12288 MB/s	Windows operating systems supported	✓
Export Control Classification Number (ECCN)	4A994B	Linux operating systems supported	✓
Commodity Classification Automated Tracking System (CCATS)	NA	Compatible operating systems	Windows, Linux, VMware
Compatible battery backup options	AXXRMFBU5	Operational conditions	
Compatible products	Intel Server System R1208WT2GS Intel Server System R1208WTTGS Intel Server System R1304WT2GS Intel Server System R1304WTTGS Intel Server System R2208WT2YS Intel Server System R2208WTTYC1 Intel Server System R2208WTTY Intel Server System R2224WTTY Intel Server System R2308WTTY Intel Server System R2312WTTY Intel Server Board S2600WT2 Intel Server Board S2600WTT	Operating temperature (T-T)	0 - 65 °C
Processor		Weight & dimensions	
Built-in processor	SAS3108	Packaging content	(1) Intel Integrated RAID Module RMS3CC040, (4) standoffs, and (4) standoff locking pins
Processor family	LSI	Logistics data	
Processor model	LSISAS3108	Harmonized System (HS) code	8471801000
Technical details		Other features	
Born on date	Q3'14	PCI Card form factor	Full-height (low-profile)
		Internal ports	4
		Other features	Support for Premium Feature Options
		Supported devices	SAS/SATA
		Market segment	Server
		RAID ARK ID	82030
		Additional features	Support for optional Maintenance Free Backup Unit and Premium Feature upgrade keys.



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