![intel]

Intel RMS3CC080 RAID controller PCI Express x8 3.0 12 Gbit/s

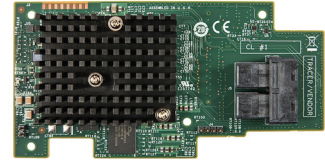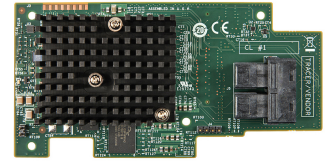**Brand :** Intel

Product name : RMS3CC080

Product code: RMS3CC080

Integrated RAID Module RMS3CC080

Intel RMS3CC080 RAID controller PCI Express x8 3.0 12 Gbit/s:

A 12-Gb eight 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 RMS3CC080. 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 RMS3CC080, (4) standoffs, and (4) standoff locking pins

Ports & interfaces

Supported storage drive interfaces *	SAS, Serial ATA
Host interface *	PCI Express x8
PCI Express slots version	3.0
Internal SAS ports	8

Performance

RAID levels *	0, 1, 10, 5, 50, 6, 60
Data transfer rate	12 Gbit/s
Form factor	Storage Connector Module
Connector orientation	Side
Internal memory	1024 MB
Internal memory type	DDR3
Memory clock speed	1866 MHz
JBOD function	✘
Number of devices supported	128
Sustained data transfer rate (native)	12288 MB/s
Export Control Classification Number (ECCN)	4A994B
Commodity Classification Automated Tracking System (CCATS)	NA
Compatible battery backup options	AXXRMFBU5
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 R2208WTTYS Intel Server System R2224WTTYS Intel Server System R2308WTTYS Intel Server System R2312WTTYS Intel Server Board S2600WT2 Intel Server Board S2600WTT

Processor

Built-in processor	SAS3108
Processor family	LSI
Processor model	LSISAS3108

Technical details

Born on date	Q3'14

Technical details

Data transfer rate	12288 Mbit/s
Launch date	Q3'14
PCI Express host interface	PCIe x8 Gen3
Product name	Intel Integrated RAID Module RMS3CC080
Product type	RAID
RAID connector orientation	Side
RAID keying	SIOM
Status	Launched
Last change	63903513
Expected discontinuance date	Q2'23
Extended warranty available for purchase (select countries)	✔
Last order date	2019-08-03 05:00:37
Target market	Mainstream

System requirements

Windows operating systems supported	✔
Linux operating systems supported	✔
Compatible operating systems	Windows, Linux, VMware

Operational conditions

Operating temperature (T-T)	0 - 65 °C

Weight & dimensions

Packaging content	(1) Intel Integrated RAID Module RMS3CC080, (4) standoffs, and (4) standoff locking pins

Logistics data

Harmonized System (HS) code	84733080

Other features

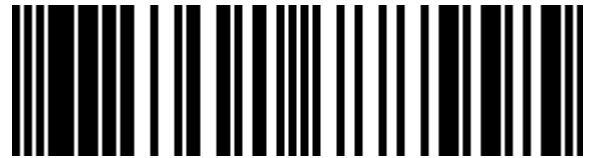|	
PCI Card form factor	Full-height (low-profile)
Internal ports	8
Other features	Support for Premium Feature Options
Supported devices	SAS/SATA
Market segment	Server
RAID ARK ID	82029
Additional features	Support for optional Maintenance Free Backup Unit and Premium Feature upgrade keys.

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