



# Intel® RAID Web Console 2



Welcome: Administrator [Full Access]

[Log Off](#)

Dashboard Physical Logical

TS01

- Controller0: Intel (R) RAID Controller RS2BL040(Bus 1, Dev 0, Domain 0)
  - Backplane
    - Slot: 0, SATA, 931.513 GB, Online,(512 B)
    - Slot: 1, SATA, 931.513 GB, Online,(512 B)
    - Slot: 2, SSD (SATA), 232.886 GB, Online,(512 B)
    - Slot: 3, SSD (SATA), 232.886 GB, Online,(512 B)

Properties

General:			
Product Name	Intel (R) RAID Controller RS2BL040	Power savings on hot spares	Enabled
Serial No	SV54639171	Drive Standby Time	30mins
Vendor ID	0x1000	<b>Firmware Properties:</b>	
SubVendor ID	0x8086	Firmware Package Version	12.14.0-0185
Device ID	0x79	Firmware Version	2.130.393-3027
SAS Address:	500605B00B4BCB40	Firmware Build Time	Dec 26 2013 02:50:22
Boot Error Handling	Stop On Errors	Backend SAS Address 0	0x4433221100000000
Device Port Count	4	Backend SAS Address 1	0x4433221103000000
Host Interface	PCI-E	Backend SAS Address 2	0x4433221102000000
Metadata Size	512 MB	Backend SAS Address 3	0x4433221101000000
Host Port Count	0	Correctable ErrorCount	0
FRU	67D	Memory uncorrectable count	0
Alarm Present	Yes	SSD Guard	Enabled
Alarm Enabled	Yes	SSD Disk Cache Setting	Enabled
Cache Flush Interval	4 sec	Online Firmware Update	Enabled
Coercion Mode	1 GB	<b>Drive Security Properties:</b>	
		Drive security capable	No

ID	Error Level	Date / Time	Description
10000	[Information, 0]	2018-05-21, 15:39:50	Successful log on to the server User: Administrator, Client: 129.232.213.90, Access Mode: Full, Client Time: 2018-05-21,15:39:50
58	[Information, 0]	2018-05-19, 05:53:17	Controller ID: 0 Consistency Check done on VD: 0
58	[Information, 0]	2018-05-19, 03:22:26	Controller ID: 0 Consistency Check done on VD: 1
35	[Information, 0]	2018-05-19, 03:01:45	Controller ID: 0 Patrol Read complete
66	[Information, 0]	2018-05-19, 03:01:45	Controller ID: 0 Consistency Check started on VD: 1
66	[Information, 0]	2018-05-19, 03:01:45	Controller ID: 0 Consistency Check started on VD: 0
39	[Information, 0]	2018-05-19, 03:01:45	Controller ID: 0 Patrol Read started
389	[Information, 0]	2018-05-15, 20:12:51	Controller ID: 0 Host driver is loaded and operational

Displaying log from server

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  - Controller0: Intel (R) RAID Controller RS2BL040(Bus 1,Dev 0,Domain 0)
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      - Slot: 3, SSD (SATA), 232.886 GB, Online,(512 B)

### Properties

Vendor ID	LSI
Enclosure ID	252
Serial Number	N/A
Enclosure Model	Backplane
Location	Internal

ID	Error Level	Date / Time	Description
10000	[Information, 0]	2018-05-21, 15:39:50	Successful log on to the server User: Administrator, Client: 129.232.213.90, Access Mode: Full, Client Time: 2018-05-21,15:39:50
58	[Information, 0]	2018-05-19, 05:53:17	Controller ID: 0, Consistency Check done on VD: 0

Displaying log from server



# Intel® RAID Web Console 2



Welcome: Administrator [Full Access]

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Dashboard Physical Logical

- T501
  - Controller0: Intel (R) RAID Controller R52BL040(Bus 1)
    - Backplane
      - Slot: 0, SATA, 931.513 GB, Online,(512 B)
      - Slot: 1, SATA, 931.513 GB, Online,(512 B)
      - Slot: 2, SSD (SATA), 232.886 GB, Online,(512 B)
      - Slot: 3, SSD (SATA), 232.886 GB, Online,(512 B)

Properties

General:			
Usable Capacity	231.898 GB	Commissioned Hotspare	No
Raw Capacity	232.886 GB	Emergency Spare	No
Logical Sector Size	512 B	Revision Level	MU03
Physical Sector Size	4 KB	Media Error Count	0
Certified	No	Pred Fail Count	0
Product ID	CrucialCT250MX2	<b>Enclosure Properties:</b>	
Vendor ID	ATA	Enclosure ID	252
Serial Number	1626131993B6	Enclosure Model	Backplane
Device ID	10	Enclosure Location	Internal
Status	Online	Connector	null x0
Drive Type	Solid State Drive (SATA)	Slot Number	2
Drive Speed	6.0 Gbps	<b>Drive Security Properties:</b>	
Negotiated Link Speed	6.0 Gbps	Full Disk Encryption capable	Yes
SCSI Device Type	Disk	<b>Data Protection Properties:</b>	
SAS Address: 0	0x4433221101000000	Data Protection	Incapable

ID	Error Level	Date / Time	Description
10000	[Information, 0]	2018-05-21, 15:39:50	Successful log on to the server User: Administrator, Client: 129.232.213.90, Access Mode: Full, Client Time: 2018-05-21,15:39:50
58	[Information, 0]	2018-05-19, 05:53:17	Controller ID: 0, Consistency Check done on VD: 0

Displaying log from server



# Intel® RAID Web Console 2



Dashboard Physical Logical

T501

- Controller0: Intel (R) RAID Controller RS2BL040(Bus 1,Dev 0,Domain 0)
  - Backplane
    - Slot: 0, SATA, 931.513 GB, Online,(512 B)
    - Slot: 1, SATA, 931.513 GB, Online,(512 B)
    - Slot: 2, SSD (SATA), 232.886 GB, Online,(512 B)
    - Slot: 3, SSD (SATA), 232.886 GB, Online,(512 B)

Properties			
<b>General:</b>			
Usable Capacity	231.898 GB	Commissioned Hotspare	No
Raw Capacity	232.886 GB	Emergency Spare	No
Logical Sector Size	512 B	Revision Level	MU03
Physical Sector Size	4 KB	Media Error Count	0
Certified	No	Pred Fail Count	0
Product ID	CrucialCT250MX2	<b>Enclosure Properties:</b>	
Vendor ID	ATA	Enclosure ID	252
Serial Number	162613194422	Enclosure Model	Backplane
Device ID	8	Enclosure Location	Internal
Status	Online	Connector	null x0
Drive Type	Solid State Drive (SATA)	Slot Number	3
Drive Speed	6.0 Gbps	<b>Drive Security Properties:</b>	
Negotiated Link Speed	6.0 Gbps	Full Disk Encryption capable	Yes
SCSI Device Type	Disk	<b>Data Protection Properties:</b>	
SAS Address: 0	0x4433221100000000	Data Protection	Incapable

ID	Error Level	Date / Time	Description
10000	[Information, 0]	2018-05-21, 15:39:50	Successful log on to the server User: Administrator, Client: 129.232.213.90, Access Mode: Full, Client Time: 2018-05-21,15:39:50
58	[Information, 0]	2018-05-19, 05:53:17	Controller ID: 0 Consistency Check done on VD: 0

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## STORAGE EXECUTIVE

- System Information
- Drive Details
- S.M.A.R.T.
- Firmware Updates
- Sanitize Drive
- PSID Revert
- Momentum Cache
- Flex Capacity
- Over Provisioning

✓ **mraid0:8 - Good Health**  
Crucial\_CT250MX200SSD1

ID	Description	Attribute Data	Units
1	Raw Read Error Rate	0	Errors/Page
5	Retired NAND Blocks	0	NAND Blocks
9	Power On Hours Count	14435	Hours
12	Power Cycle Count	11	Cycles
171	Program Fail Count	0	NAND Page Program Failures
172	Erase Fail Count	0	NAND Block Erase Failures
173	Average Block-Erase Count	912	Erases
174	Unexpected Power Loss Count	9	Unexpected Power Loss events
180	Unused reserved block count	2585	Blocks
183	SATA Interface Downshift	5	Downshifts
184	Error Correction Count	0	Correction Events
187	Reported Uncorrectable Errors	0	ECC Correction Failures
194	Enclosure Temperature	32	Current Temperature (C)
		35	Highest Lifetime Temperature (C)
196	Reallocation Event Count	0	Events
197	Current Pending Sector Count	0	512 Byte Sectors
198	SMART Off-line Scan Uncorrectable Errors	0	Errors
199	Ultra-DMA CRC Error Count	0	Errors
202	Percentage Lifetime Used	30	% Lifetime Used
206	Write Error Rate	0	Program Fails/MB
210	RAIN Successful Recovery Page Count	0	TUs successfully recovered by RAIN

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**mraid0:8 - Good Health**  
Crucial\_CT250MX200SSD1

Temperature

33° Celsius

Serial Number: 162613194422	SATA Information:
Total Capacity: 250.06 GB	SATA Interface: SATA 6.0Gb/s (SATA 3)
Available Capacity: 0.00 B	
Total Bytes Written: 97.40 TB	
Driver Version: 6.600.21.08 (megasas.sys)	
Firmware Revision: MU03	<a href="#">New Firmware Available, Revision: MU04</a>

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# STORAGE EXECUTIVE

- System Information
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- Flex Capacity
- Over Provisioning

**mraid0:10 - Good Health**  
Crucial\_CT250MX200SSD1

Temperature: 36° Celsius

Serial Number: 1626131993B6	SATA Information:
Total Capacity: 250.06 GB	SATA Interface: SATA 6.0Gb/s (SATA 3)
Available Capacity: 0.00 B	
Total Bytes Written: 97.44 TB	
Driver Version: 6.600.21.08 (megasas.sys)	
Firmware Revision: MU03	<a href="#">New Firmware Available Revision: MU04</a>

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# STORAGE EXECUTIVE

- System Information
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**mraid0:8 - Good Health**  
Crucial\_CT250MX200SSD1

ID	Description	Attribute Data	Units
1	Raw Read Error Rate	0	Errors/Page
5	Retired NAND Blocks	0	NAND Blocks
9	Power On Hours Count	14435	Hours
12	Power Cycle Count	11	Cycles
171	Program Fail Count	0	NAND Page Program Failures
172	Erase Fail Count	0	NAND Block Erase Failures
173	Average Block-Erase Count	912	Erases
174	Unexpected Power Loss Count	9	Unexpected Power Loss events
180	Unused reserved block count	2585	Blocks
183	SATA Interface Downshift	5	Downshifts
184	Error Correction Count	0	Correction Events
187	Reported Uncorrectable Errors	0	ECC Correction Failures
194	Enclosure Temperature	33	Current Temperature (C)
		35	Highest Lifetime Temperature (C)
196	Reallocation Event Count	0	Events
197	Current Pending Sector Count	0	512 Byte Sectors
198	SMART Off-line Scan Uncorrectable Errors	0	Errors
199	Ultra-DMA CRC Error Count	0	Errors
202	Percentage Lifetime Used	30	% Lifetime Used
206	Write Error Rate	0	Program Fails/MB
210	RAIN Successful Recovery Page Count	0	TUs successfully recovered by RAIN



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## STORAGE EXECUTIVE

↻
✔ **mraid0:10 - Good Health**  
 Crucial\_CT250MX200SSD1

ID	Description	Attribute Data	Units
1	Raw Read Error Rate	0	Errors/Page
5	Retired NAND Blocks	0	NAND Blocks
9	Power On Hours Count	14439	Hours
12	Power Cycle Count	11	Cycles
171	Program Fail Count	0	NAND Page Program Failures
172	Erase Fail Count	0	NAND Block Erase Failures
173	Average Block-Erase Count	901	Erases
174	Unexpected Power Loss Count	9	Unexpected Power Loss events
180	Unused reserved block count	2593	Blocks
183	SATA Interface Downshift	13	Downshifts
184	Error Correction Count	0	Correction Events
187	Reported Uncorrectable Errors	0	ECC Correction Failures
194	Enclosure Temperature	36	Current Temperature (C)
		37	Highest Lifetime Temperature (C)
196	Reallocation Event Count	0	Events
197	Current Pending Sector Count	0	512 Byte Sectors
198	SMART Off-line Scan Uncorrectable Errors	0	Errors
199	Ultra-DMA CRC Error Count	0	Errors
202	Percentage Lifetime Used	30	% Lifetime Used
206	Write Error Rate	0	Program Fails/MB
210	RAIN Successful Recovery Page Count	0	TUs successfully recovered by RAIN

```
Select Administrator: Windows PowerShell

smartctl 6.6 2017-11-05 r4594 [x86_64-w64-mingw32-2012r2] (sf-6.6-1)
Copyright (C) 2002-17, Bruce Allen, Christian Franke, www.smartmontools.org

=== START OF INFORMATION SECTION ===
Vendor:                INTEL
Product:               RS2BL040
Revision:              2.13
User Capacity:         248,999,051,264 bytes [248 GB]
Logical block size:    512 bytes
Logical Unit id:       0x600605b00b4bcb401f8a5b10379c2a91
Serial number:         00912a9c37105b8a1f40cb4b0bb00506
Device type:           disk
Local Time is:         Mon May 21 15:39:09 2018 SAST
SMART support is:      Unavailable - device lacks SMART capability.

=== START OF READ SMART DATA SECTION ===
Current Drive Temperature:    0 C
Drive Trip Temperature:       0 C

Error Counter logging not supported

Device does not support Self Test logging
PS C:\Program Files\smartmontools\bin> smartctl.exe -a /dev/sdc
smartctl 6.6 2017-11-05 r4594 [x86_64-w64-mingw32-2012r2] (sf-6.6-1)
Copyright (C) 2002-17, Bruce Allen, Christian Franke, www.smartmontools.org

/dev/sdc: Unable to detect device type
Please specify device type with the -d option.

Use smartctl -h to get a usage summary

PS C:\Program Files\smartmontools\bin> smartctl.exe -a /dev/sdd
smartctl 6.6 2017-11-05 r4594 [x86_64-w64-mingw32-2012r2] (sf-6.6-1)
Copyright (C) 2002-17, Bruce Allen, Christian Franke, www.smartmontools.org

/dev/sdd: Unable to detect device type
Please specify device type with the -d option.

Use smartctl -h to get a usage summary

PS C:\Program Files\smartmontools\bin> _
```