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RENICE CATALOGUE

Products	Photo	Details	Lifespan	Alternative	NAND Flash Type	Model NO.	Operating Temp.	Capacity	Mass Order L/T	
RENICE X2 2.5 inch SATA II SSD										
X2 series		<ul style="list-style-type: none"> ● Interface: SATAII 3.0Gb/s ● R/W: 250/210 MB/sec ● 4kb Random Read IOPS: 8,000 ● Nand Flash: SLC or MLC ● Operating Temperature: 0-70°C (Commercial Grade) -40-85°C (Industrial Grade) ● MTBF: > 4,000,000 Hours 	Till Q2,2014	X5 2.5" SATAII (MP Time: Q2, 2013)	MLC	RIM032-SX22	-40 - +85°C	32GB	7 Working Days	
						RIM064-SX22		64GB		
						RIM128-SX22		128GB		
						RIM256-SX22		256GB		
					SLC	RCS008-SX22	0 - +70°C	8GB	5 Working Days	
						RCS016-SX22		16GB		
						RCS032-SX22		32GB		
						RCS064-SX22		64GB		
						RCS128-SX22		128GB		
						RCS256-SX22		256GB		
						RIS008-SX22	-40 - +85°C	8GB	7 Working Days	
								RIS016-SX22		16GB
								RIS032-SX22		32GB
								RIS064-SX22		64GB
RIS128-SX22	128GB									
RIS256-SX22	256GB									

RENICE X5 2.5 inch SATA II SSD

X5 series



- Interface: SATAII, 3.0Gbps
- Capacity: 8GB ~ 256GB
- Sequential R/W: 240/200MB/s
- Nand Flash: Micron SLC/MLC Type (P/E Cycle of 100,000)
- Access Time: 0.1ms
- MTBF:>3,000,000 Hours @40C
- TRIM Support
- S.M.A.R.T Function
- Operating voltage: 5V (±5%)
- Power Failure Protection
- Humidity: 5%-95%
- Vibration: 20G(7-2000HZ)
- Shock: 2,000G(@0.3ms half sine wave)

3~5 Years

N/A

MLC

- RIM008-SX52
- RIM016-SX52
- RIM032-SX52
- RIM064-SX52
- RIM128-SX52
- RIM256-SX52
- RIM512-SX52

-40 - +85°C

- 8GB
- 16GB
- 32GB
- 64GB
- 128GB
- 256GB
- 512GB

7 Working Days

SLC

- RCS008-SX52
- RCS016-SX52
- RCS032-SX52
- RCS064-SX52
- RCS128-SX52
- RCS256-SX52

0 - +70°C

- 8GB
- 16GB
- 32GB
- 64GB
- 128GB
- 256GB

5 Working Days

- RIS008-SX52
- RIS016-SX52
- RIS032-SX52
- RIS064-SX52
- RIS128-SX52
- RIS256-SX52

-40 - +85°C

- 8GB
- 16GB
- 32GB
- 64GB
- 128GB
- 256GB

7 Working Days

RENICE X2 1.8 inch micro SATA SLC SSD

X2 series



- Form Factor: 1.8 inch
- Interface: 7+7+2pin MicroSATA SATAII 3.0Gb/s
- R/W: 250/210 MB/sec
- 4kb Random Read IOPS: 8,000
- Access Time: 0.1ms
- Nand Flash: MLC or SLC
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)
- MTBF: > 4,000,000 Hours

Till
Q2,2014

X5 1.8"
SATAII
(Under
development
)

MLC	RCM032-SX21	0 - +70°C	32GB	5 Working Days
	RCM064-SX21		64GB	
	RCM128-SX21		128GB	
	RCM256-SX21		256GB	
	RIM032-SX21	-40 - +85°C	32GB	7 Working Days
	RIM064-SX21		64GB	
RIM128-SX21	128GB			
SLC	RCS008-SX21	0 - +70°C	8GB	5 Working Days
	RCS016-SX21		16GB	
	RCS032-SX21		32GB	
	RCS064-SX21		64GB	
	RCS128-SX21		128GB	
	RCS256-SX21		256GB	
	RIS008-SX21	-40 - +85°C	8GB	7 Working Days
	RIS016-SX21		16GB	
	RIS032-SX21		32GB	
	RIS064-SX21		64GB	
	RIS128-SX21		128GB	
	RIS256-SX21		256GB	

RENICE E7 2.5 inch PATA IDE SSD

E7 series



- Interface: 44PIN IDE PATA
- R/W: 120/90 MB/sec
- 4kb Random Read IOPS: 5,300
- Access Time: 0.1ms
- Hardware & Software Secure Erase Function

Till
Q4,2013

X5 Series
(Under
development
)

SLC

RCS008-PE72
RCS016-PE72
RCS025-PE72
RCS060-PE72
RCS120-PE72

0 - +70°C

8GB
16GB
25GB
60GB
120GB

5 Working
Days

RIS008-PE72
RIS016-PE72
RIS025-PE72
RIS060-PE72
RIS120-PE72

-40 - +85°C

8GB
16GB
25GB
60GB
120GB

7 Working
Days

MLC

RCM025-PE72
RCM060-PE72
RCM120-PE72
RCM240-PE72

0 - +70°C

25GB
60GB
120GB
240GB

5 Working
Days

RIM025-PE72
RIM060-PE72
RIM120-PE72
RIM240-PE72

-40 - +85°C

25GB
60GB
120GB
240GB

7 Working
Days

RENICE X1 Half Slim SATA(MO 297A) SSD

X1 Series



- Form factor: (Half Height 1.8 inch)
- Interface: SATAII 3.0Gb/s
- * Capacity: MLC or SLC
- Max Read Rate: 150MB/sec
- Max Write Rate: 100MB/sec
- Operating Temperature:
0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

3 years

X5 Series

MLC

RCM008-SX1H	0 - +70°C	8GB	5 Working Days
RCM016-SX1H		16GB	
RCM032-SX1H		32GB	
RCM064-SX1H		64GB	
RCM128-SX1H		128GB	
RIM008-SX1H	-40 - +85°C	8GB	7 Working Days
RIM016-SX1H		16GB	
RIM032-SX1H		32GB	
RIM064-SX1H		64GB	
RIM128-SX1H		128GB	

SLC

RCS004-SX1H	0 - +70°C	4GB	5 Working Days
RCS008-SX1H		8GB	
RCS016-SX1H		16GB	
RCS032-SX1H		32GB	
RCS064-SX1H		64GB	
RIS004-SX1H	-40 - +85°C	4GB	7 Working Days
RIS008-SX1H		8GB	
RIS016-SX1H		16GB	
RIS032-SX1H		32GB	
RIS064-SX1H		64GB	

RENICE X5 Half Slim SATA(MO 297A) SSD

X5 series



- Form factor: (Half Height 1.8 inch)
- Interface: SATAII 3.0Gb/s
- Max Read/Write: 240MB/120MB/s
- Endurance 2,000,000 program/erase cycles (@25°C)
- MTBF >2,000,000 Hours
- Date Retention >10 Years
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

3~5 years

X1 Series

MLC

RCM008-SX5H

0 - +70°C

8GB

5 Working Days

RCM016-SX5H

16GB

RCM032-SX5H

32GB

RCM064-SX5H

64GB

RCM128-SX5H

128GB

RIM008-SX5H

-40 - +85°C

8GB

7 Working Days

RIM016-SX5H

16GB

RIM032-SX5H

32GB

RIM064-SX5H

64GB

RIM128-SX5H

128GB

SLC

RCS004-SX5H

0 - +70°C

4GB

5 Working Days

RCS008-SX5H

8GB

RCS016-SX5H

16GB

RCS032-SX5H

32GB

RCS064-SX5H

64GB

RIS004-SX5H

-40 - +85°C

4GB

7 Working Days

RIS008-SX5H

8GB

RIS016-SX5H

16GB

RIS032-SX5H

32GB

RIS064-SX5H

64GB

RENICE X5 50mm mSATA SSD (MO-300B)

X5 series



- mSATA (MO-300B defined by JEDEC)
- Max Read/Write: 240MB/120MB/s
- Endurance 2,000,000 program/erase cycles (@25°C)
- MTBF >2,000,000 Hours
- Date Retention >10 Years
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

3~5 years

X1 Series

MLC

RCM008-SX5M	0 - +70°C	8GB	5 Working Days
RCM016-SX5M		16GB	
RCM032-SX5M		32GB	
RCM064-SX5M		64GB	
RCM128-SX5M		128GB	
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RIM008-SX5M	-40 - +85°C	8GB	7 Working Days
RIM016-SX5M		16GB	
RIM032-SX5M		32GB	
RIM064-SX5M		64GB	
RIM128-SX5M		128GB	

SLC

RCS008-SX5M	0 - +70°C	8GB	5 Working Days
RCS016-SX5M		16GB	
RCS032-SX5M		32GB	
RCS064-SX5M		64GB	
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RIS008-SX5M	-40 - +85°C	8GB	7 Working Days
RIS016-SX5M		16GB	
RIS032-SX5M		32GB	
RIS064-SX5M		64GB	

RENICE X1 50mm mSATA SSD (MO-300B)

X1 Series



- mSATA (MO-300B defined by JEDEC)
- Form Factor: 50.95mm X 30mm X 3.65mm (L x W x H)
- Max Read/Write: 165MB/150MB/S
- MTBF >3,000,000 Hours
- S.M.A.R.T features optimized for SSD
- Dynamic and static wear-leveling
- Data retention: 10 years (@25)
- Operation Humidity 5%~95%
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

3 years

X5 Series

MLC	RIM008-SX1M	-40 - +85°C	8GB	5 Working Days
	RIM016-SX1M		16GB	
	RIM032-SX1M		32GB	
	RIM064-SX1M		64GB	
	RIM128-SX1M		128GB	
SLC	RCS004-SX1M	0 - +70°C	4GB	7 Working Days
	RCS008-SX1M		8GB	
	RCS016-SX1M		16GB	
	RCS032-SX1M		32GB	
	RIS004-SX1M	-40 - +85°C	4GB	7 Working Days
	RIS008-SX1M		8GB	
	RIS016-SX1M		16GB	
	RIS032-SX1M		32GB	

RENICE X5 Compact Flash Drive

X5 series



- 50Pin IDE / Parallel ATA (PATA)
- Max Read/Write: Read:95 MB/S Write: 90MB/S
- Endurance 2,000,000 program/erase cycles (@25°C) (only for SLC drives)
- MTBF >1,000,000 Hours
- Date Retention >10 Years
- Durability >10,000 insertion/removal cycles
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

Till Q4, 2013

Upgraded X5 (with Power Failure Protection, Secure Erase and Write Protection) MP Time: Sep., 2013

MLC

RCM004-PX5C	0 - +70°C	4GB	5 Working Days
RCM008-PX5C		8GB	
RCM016-PX5C		16GB	
RCM032-PX5C		32GB	
RCM064-PX5C		64GB	
RCM128-PX5C		128GB	

RIM004-PX5C	-40 - +85°C	4GB	7 Working Days
RIM008-PX5C		8GB	
RIM016-PX5C		16GB	
RIM032-PX5C		32GB	
RIM064-PX5C		64GB	
RIM128-PX5C		128GB	

SLC

RCS004-PX5C		4GB	5 Working Days
RCS008-PX5C		8GB	
RCS016-PX5C		16GB	
RCS032-PX5C		32GB	

RIS004-PX5C		4GB	7 Working Days
RIS008-PX5C		8GB	
RIS016-PX5C		16GB	
RIS032-PX5C		32GB	

RENICE X1 CFast

X1 series



- Interface: SATAII 3.0Gb/s
- Read/Write:
Sequentila Data Read:140-160MB/s
Sequentila Data Write:30-150MB/s
- MTBF >1,000,000 Hours
- Write endurance: >8 years @ 100GB write/ day (30GB SSD)
- Read endurance: unlimited
- Date Retention >10 Years and S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology)
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

1~2 Years

MLC

RCM004-SX1C RCM008-SX1C RCM016-SX1C RCM032-SX1C RCM064-SX1C RCM128-SX1C	0 - +70°C	4GB	5 Working Days
		8GB	
		16GB	
		32GB	
		64GB	
		128GB	
RIM004-SX1C RIM008-SX1C RIM016-SX1C RIM032-SX1C RIM064-SX1C RIM128-SX1C	-40 - +85°C	4GB	7 Working Days
		8GB	
		16GB	
		32GB	
		64GB	
		128GB	

SLC

RCS004-SX1C RCS008-SX1C RCS016-SX1C RCS032-SX1C	0 - +70°C	4GB	5 Working Days
		8GB	
		16GB	
		32GB	
RIS004-SX1C RIS008-SX1C RIS016-SX1C RIS032-SX1C	-40 - +85°C	4GB	7 Working Days
		8GB	
		16GB	
		32GB	

Regarding Part NO., in "RCS", Letter "C" stands for "Commercial Temperature". "C" is changed to "I" to stand for "Industrial Temperature"

Products Warranty: 3 years for MLC drives, 5 years for SLC drives