


RENICE Catalogue

Products	Photo	Details	Lifespan	Alternative	NAND Flash Type	Model NO.	Operating Temp.	Capacity	
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	
						RIM064-SX22		64GB	
						RIM128-SX22		128GB	
						RIM256-SX22		256GB	
					SLC	RCS008-SX22	0 - +70°C	8GB	
						RCS016-SX22		16GB	
						RCS032-SX22		32GB	
						RCS064-SX22		64GB	
						RCS128-SX22		128GB	
						RCS256-SX22		256GB	
						-40 - +85°C	RIS008-SX22	8GB	
							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
- 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**
- **Secure Erase (Option)**
- Conformal Coating
- Humidity: 5%-95%
- Vibration: 20G(7-2000HZ)
- Shock: 2,000G(@0.3ms half sine wave)

3~5 Years

N/A

MLC

RIM008-SX52	-40 - +85°C	8GB
RIM016-SX52		16GB
RIM032-SX52		32GB
RIM064-SX52		64GB
RIM128-SX52		128GB
RIM256-SX52		256GB

SLC

RCS008-SX52	0 - +70°C	8GB
RCS016-SX52		16GB
RCS032-SX52		32GB
RCS064-SX52		64GB
RCS128-SX52		128GB
RCS256-SX52		256GB
RIS008-SX52	-40 - +85°C	8GB
RIS016-SX52		16GB
RIS032-SX52		32GB
RIS064-SX52		64GB
RIS128-SX52		128GB
RIS256-SX52		256GB

RENICE X2 1.8 inch micro SATA 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	
	RCM064-SX21		64GB	
	RCM128-SX21		128GB	
	RCM256-SX21		256GB	
	RIM032-SX21	-40 - +85°C	32GB	
	RIM064-SX21		64GB	
	RIM128-SX21		128GB	
	SLC	RCS008-SX21	0 - +70°C	8GB
RCS016-SX21		16GB		
RCS032-SX21		32GB		
RCS064-SX21		64GB		
RCS128-SX21		128GB		
RCS256-SX21		256GB		
RIS008-SX21		-40 - +85°C		8GB
RIS016-SX21			16GB	
RIS032-SX21			32GB	
RIS064-SX21			64GB	
RIS128-SX21			128GB	
RIS256-SX21			256GB	

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
- **Power Failure Protection**
- **Secure Erase (Option)**
- Date Retention >10 Years
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

3~5 years

N/A

SLC

RCM008-SX5H	0 - +70°C	8GB	
RCM016-SX5H		16GB	
RCM032-SX5H		32GB	
RCM064-SX5H		64GB	
RCM128-SX5H		128GB	
RIM008-SX5H	-40 - +85°C	8GB	
RIM016-SX5H		16GB	
RIM032-SX5H		32GB	
RIM064-SX5H		64GB	
RIM128-SX5H		128GB	
RCS004-SX5H	0 - +70°C	4GB	
RCS008-SX5H		8GB	
RCS016-SX5H		16GB	
RCS032-SX5H		32GB	
RCS064-SX5H		64GB	
RIS004-SX5H	-40 - +85°C	4GB	
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
- **Power Failure Protection**
- **Secure Erase (Option)**
- Date Retention >10 Years
- Operating Temperature: 0-70°C (Commercial Grade)
-40-85°C (Industrial Grade)

3~5 years

N/A

MLC

RCM008-SX5M	0 - +70°C	8GB
RCM016-SX5M		16GB
RCM032-SX5M		32GB
RCM064-SX5M		64GB
RCM128-SX5M		128GB

RIM008-SX5M	-40 - +85°C	8GB
RIM016-SX5M		16GB
RIM032-SX5M		32GB
RIM064-SX5M		64GB
RIM128-SX5M		128GB

SLC

RCS008-SX5M	0 - +70°C	8GB
RCS016-SX5M		16GB
RCS032-SX5M		32GB
RCS064-SX5M		64GB

RIS008-SX5M	-40 - +85°C	8GB
RIS016-SX5M		16GB
RIS032-SX5M		32GB
RIS064-SX5M		64GB

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 Q3, 2014

H1 (Under development
MP Time: Q1, 2014)

MLC

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

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

SLC

RCS004-PX5C		4GB
RCS008-PX5C		8GB
RCS016-PX5C		16GB
RCS032-PX5C		32GB

RIS004-PX5C		4GB
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)

2 Years

N/A

MLC

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

SLC

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