

## SATA

---



### X5 50mm mSATA SSD

X5 series conforms to the JEDEC MO-300B standard, supports Wide Operating Temperature, Power Failure Protection, Secure Erase. Its excellent stability and durability could meet the request of embedded equipments in harsh operating environment.

[Make An Inquiry](#)

## Basic Specs

## Order Info

Product		X5 50mm mSATA SSD
Interface		52 Pin SATA 2 (3Gbps)
Storage Media		MLC/SLC NAND flash
Capacity		MLC: 8GB~128GB
		SLC: 4GB~64GB
Performance	Max Sequential R/ W	240/160 MB/s
	Access Time	0.1ms
Dimension		50.95mm X 30mm X 3.65mm
Software & Management	S.M.A.R.T	Yes
	Secure Erase	Yes
	Power Failure Protection	Yes
Reliability	MTBF	>3,000,000 hours
	Bad Block Management	Yes
	ECC	72 bits /1KB
	Wear Leveling	Static & Dynamic
Environment	Vibration	20G(7-2000HZ)
	Shock	2,000G(@0.3ms half sine wave)
	Humidity	5-95%
	Operating Temp.	0°C ~ +70°C (Commercial Level) -40°C ~ +85°C (Wide Temp. Level)
	Storage Temp.	-50°C ~ +95°C
Input Voltage		3.3V (±5%)
Max Power Consumption		1.02W/ 1.1W

Basic Specs

Order Info

NAND flash	Capacity	Operating Temp.	Part No.	
MLC	8GB	0 ~ +70°C	RCM008-SX5M	
		-40 ~ +85°C	RIM008-SX5M	
	16GB	0 ~ +70°C	RCM016-SX5M	
		-40 ~ +85°C	RIM016-SX5M	
	32GB	0 ~ +70°C	RCM032-SX5M	
		-40 ~ +85°C	RIM032-SX5M	
	64GB	0 ~ +70°C	RCM064-SX5M	
		-40 ~ +85°C	RIM064-SX5M	
	128GB	0 ~ +70°C	RCM128-SX5M	
		-40 ~ +85°C	RIM128-SX5M	
	SLC	4GB	0 ~ +70°C	RCS004-SX5M
			-40 ~ +85°C	RIS004-SX5M
8GB		0 ~ +70°C	RCS008-SX5M	
		-40 ~ +85°C	RIS008-SX5M	
16GB		0 ~ +70°C	RCS016-SX5M	
		-40 ~ +85°C	RIS016-SX5M	
32GB		0 ~ +70°C	RCS032-SX5M	
		-40 ~ +85°C	RIS032-SX5M	
64GB		0 ~ +70°C	RCS064-SX5M	
		-40 ~ +85°C	RIS064-SX5M	