

Ramsta
Focus On Safely Storing Data

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SSD

RAM

Flash Drive

400 900 2289
Global service hotline
Address: 4/F,Building F, Gai Nian Kong Jian,
Huimin 1st Road, Guanlan Town, Longhua District,Shenzhen, China, 518000

www.ramsta.com
Ramsta International Co., Ltd

About Us

Ramsta founded in Hong Kong in 2010, it is one of the world's leading semiconductor equipment manufacturers, dedicated in the research and development of high-end products. In order to rapidly develop the entire mainland China market, Ramasta established Shenzhen Ramsta Semiconductor Technology Co., Ltd. in 2016, and set up the China Marketing Center. As a professional manufacturing and sales storage product supplier, Ramsta currently has a place in SSD, PSSD, DRAM, Flash Drive market, especially in DRAM market. The company's R&D department has more than 10 years experience in semiconductor industry.

'Integrity focus, growth and win-win' is the business philosophy of Ramsta! 'Integrity Focus' enables Ramsta to establish professionalism and good reputation in the industry. 'Growth and win-win' is a positive partnership with suppliers and customers, besides, Ramsta also provides customers with more professional and valuable solutions!



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Focus on Safely
Storing Data

Ramsta Development History

SSD **RAM**

2010

Ramsta International was founded in Hong Kong
Establish operation center in Shenzhen

2011

Set up R & D center in Taiwan
one of the world's leading semiconductor equipment manufacturers
Leading the storage market in a variety of segments

2016

Set up Ramsta China Marketing Center in Shenzhen
Found Shenzhen Ramsta Semiconductor Technology Co., Ltd

2018

Wolverine series RGB ram launched
T100 external SSD launched
PCIe R900 SSD launched

2019

Passed the certification of GB/T 24001-2016/ISO 14001:2015
Approved by Lenovo (Beijing) Co., Ltd., become a OEM supplier of Lenovo ram products
RGB ram products have obtained equivalent synchronous certification from ASUS, Gigabyte and MSI

2023

New production base set up in Qiandao Lake, Hangzhou, about 30,000m²
Marine and Esoterica series RGB Ram,
P100 new external SSD launches



Ramsta aims at “quality is life”,
provides with high-quality and excellent products.



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PCIe 3.0 SSD 08
M.2 SSD 09
2.5″ SSD 10
mSATA SSD 11

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RGB RAM 15~16
Desktop RAM 17~19
Laptop RAM 20

Play games smoothly, One step faster

Ramsta NVMe 4.0 SSD R980

- PCIe high speed transmission design
- High speed solid state, no need to wait
- Sequential reading speed is 4 times faster than the solid state of regular M.2



Capacity	512GB	1TB	2TB
Controller	SMI/Maxio		
Interface Type	PCIe 4.0		
Reading Speed	7100MB/S	7600MB/S	7800MB/S
Writing Speed	6200MB/S	6600MB/S	6800MB/S
Operating Temperature	0℃~70℃		
Storage Temperature	-40℃~85℃		
Basic Parameters	Interface rate：PCIe Gen4x4 Interface protocol：NVMe Flash type：TLC		
Other Parameters	Shockproof ability：1,500G / 0.5msec Dimension：22x80x3.75mm Product weight：TBD S.M.A.R.T：Support TRIM：Support		

External and internal cultivation,fast reading and writing

Ramsta NVMe 3.0 SSD R900

- PCIe high speed transmission design
- Comprehensively improve the reading and writing speed
- Redefine PC performance



Capacity	128GB	256GB	512GB	1TB
Controller	SMI/Maxio			
Interface Type	PCIe 3.0			
Reading Speed	1600MB/S	3000MB/S	3400MB/S	3500MB/S
Writing Speed	1300MB/S	2600MB/S	2600MB/S	3000MB/S
Operating Temperature	0℃~70℃			
Storage Temperature	-40℃~85℃			
Basic Parameters	Interface rate：PCIe Gen3x4 Interface protocol：NVMe Flash type：TLC			
Other Parameters	Shockproof ability：1,500G / 0.5msec Dimension：22x80x3.75mm Product weight：TBD S.M.A.R.T：Support TRIM：Support			

High-speed reading and write，fast boot in seconds

Ramsta M.2 2280 SSD R600

- 4 channel transmission
- Smaller size, faster speed



Capacity	128GB	256GB	512GB	1TB
Controller	SMI/Yesstor			
Interface Type	SATA 3.0			
Reading Speed	540MB/S	550MB/S	550MB/S	550MB/S
Writing Speed	410MB/S	480MB/S	500MB/S	520MB/S
Working Temperature	0℃-70℃			
Storage Temperature	-40℃--85℃			
Basic Parameters	Interface Rate:SATA 6Gbps Flash type:TLC			
Other Parameters	Shockproof:1.500G/0.5msec Size:22*80mm Weight:38g SMART: Support Trim: Support			

High-speed read and write, fast boot in seconds

Ramsta 2.5" SSD S800

- 4 channel transmission
- Boots up to 300% faster than ordinary hard drives
- Significantly improves the boot speed of your computer



Capacity	128GB	256GB	512GB	1TB	2TB
Controller	SMI/Yesstor				
Interface Type	SATA 3.0				
Reading Speed	559MB/S	560MB/S	562MB/S	563MB/S	565MB/S
Writing Speed	510MB/S	518MB/S	522MB/S	523MB/S	525MB/S
Working Temperature	0℃-70℃				
Storage Temperature	-40℃--85℃				
Basic Parameters	Interface Rate:SATA 6Gbps Flash type:TLC				
Other Parameters	Shockproof:1.500G/0.5msec Size:70*100*6.9mm Weight:55g SMART: Support Trim: Support				

Stable and reliable, as fast as you want

Ramsta mSATA SSD R600

- JEDEC standard design
- Easy upgrade operation



Capacity	128GB	256GB	512GB	1TB
Controller	SMI/Yesstor			
Interface Type	SATA 3.0			
Reading Speed	540MB/S	550MB/S	550MB/S	550MB/S
Writing Speed	410MB/S	480MB/S	500MB/S	520MB/S
Working Temperature	0℃-70℃			
Storage Temperature	-40℃--85℃			
Basic Parameters	Interface Rate:SATA 6Gbps Flash type:TLC			
Other Parameters	Shockproof:1.500G/0.5msec Size:51*30mm Weight:28g SMART: Support Trim: Support			

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Mobile reading and writing is easier

Ramsta Portable SSD P100

- Light and thin design
- High-speed transmission,smooth storage
- Stable performance, safe and reliable



Capacity	512GB	1TB	2TB
Controller	SMI/Yesstor		
Interface Type	USB Type C		
Reading Speed	500MB/S	520MB/S	520MB/S
Writing Speed	410MB/S	420MB/S	450MB/S
Working temperature	0℃-70℃		
Storage Temperature	-40℃--85℃		
Basic Parameters	Interface Rate:USB 3.0/USD 3.1 Flash type:TLC		
Other Parameters	Shockproof:1.500G/0.5msec Size:76*47*9mm Weight: 60g SMART: Support Trim: Support		

USB

Ramsta Flash Drive

- Interface 2.0/3.0/3.1 available
- Single head/dual head available
- Customised available





Interface	Flash Drive		
Product	2.0'	3.0'	3.1
Head	Single		Dual
Capacity	16G/32G/64G/128G/256G		
Reading Speed	15MB/S	80MB/S	80MB/S 30MB/S(type C)
Writing Speed	6MB/S	25MB/S	30MB/S 10MB/S(type C)
Working Temperature	0℃-70℃		
Storage Temperature	-40℃--85℃		
Factory file system: 32G and below FAT32,64GB and above EXFAT			

TF Card

Ramsta TF Card

- Small and thin, easy to carry
- GPS compatibility



Type	TF Card
Capacity	4G/8G/16G/32G/64G/128G/256G/512G
Interface Type	USB Type C
Working Temperature	-25℃ to 85℃
Storage Temperature	-40℃ to 85℃
Package Weight	14.0g

Excellent performance for gamer

Esoterica Series Gaming Ram

- Intel XMP2.0-ready
- Stunning RGB lighting
- Tightly-screened ram chips
- Custom performance PCB provides the highest signal quality

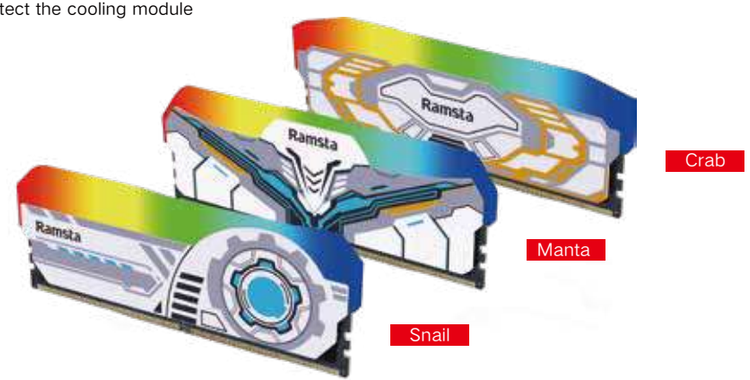


RAM for Desktop	DDR4		
Capacity	8G*2 16GB	16G*2 32GB	32G*2 64GB
Module Type	Unbuffered DIMM	Unbuffered DIMM	Unbuffered DIMM
Ram Dominant Frequency	3200MHz	3600MHz	4000MHz
Working Voltage	1.35V/1.4V		
Time Sequential	CL18/CL22		
Working Temperature	0℃~85℃		
Specifications	E-sports performance Support XMP2.0 overcloking Capacity ranges from 8GB to 32 GB Rated frequency ranges from 3200MHz to 4000MHz		

Light up your gaming

Marine Series Gaming Ram

- Support XMP2.0
- Dynamic RGB lighting
- Tightly screened Ram
- Perfectly protect the cooling module



RAM for Desktop	DDR5		
Capacity	8G*2 16GB	16G*2 32GB	32G*2 64GB
Module Type	Unbuffered DIMM	Unbuffered DIMM	Unbuffered DIMM
Ram Dominant Frequency	5800MHz	6400MHz	7200MHz
Working Voltage	1.35V/1.4V		
Time Sequential	CL32		
Working Temperature	0℃~85℃		
Specifications	Extreme performance Free transformation Support XMP3.0 Overcloking Capacity ranges from 8GB to 32 GB Rated frequency ranges from 5800MHz to 7200MHz		

Speed up your gaming

Wolf Warrior Series RGB Ram

- LED breathing light
- Support XMP overclocking technology
- Capacity ranges from 4GB to 16 GB
- Rated frequency ranges from 2666MHz to 3200MHz



RAM for Desktop	DDR4	DDR4
Capacity	8GB~16GB	16GB
Module Type	Unbuffered DIMM	Unbuffered DIMM
Ram Dominant Frequency	2666MHz	3200MHz
Working Voltage	1.2V	1.35V
Product Dimensions	136x53.4x9mm	136x53.4x9mm
Working Temperature	0℃~85℃	
Basic Specifications	10-layer PCB stackup technology High quality IC selection Support XMP overclocking technology Enhanced heat dissipation design LED breathing light Capacity ranges from 8GB to 16 GB Rated frequency ranges from 2666MHz to 3200MHz	

Fast & glowing

Wolverine Series RGB Ram

- Specifically customized for top player
- Support XMP overclocking technology
- RGB lighting effect
- Rated frequency ranges from 2666MHz to 3200MHz



RAM for Desktop	DDR4	DDR4
Capacity	8GB / 16GB x2	16GB x2
Module Type	Unbuffered DIMM	Unbuffered DIMM
Ram Dominant Frequency	2666MHz	3200MHz
Working Voltage	1.35V	1.35V
Product Dimensions	137.6x45x6.6mm	137.6x45x6.6mm
Working Temperature	0℃~85℃	
Basic Specifications	Customize 12 layer PCB board for overclocking Hand-selected IC Support XMP overclocking technology Efficient heat dissipation design RGB lighting effect Capacity ranges from 8GB to 32 GB Rated frequency from 2666MHz to 3200MHz	

High speed,low-latency, enjoy gaming

Ramsta Sky Wolf Ram For Desktop

- High aspect ratio aluminum heat sinks
- DDR3/DDR4 options are available
- Capacity ranges from 4GB to 16 GB
- Rated frequency ranges from 1600MHz to 3200MHz





RAM for Desktop	DDR3	DDR4
Capacity	4GB~8GB	4GB~16GB
Module Type	Unbuffered DIMM	Unbuffered DIMM
Ram Dominant Frequency	1600MHz	2666MHz / 3200MHz
Working Voltage	1.5V	1.2V
Product Dimensions	133.35x18.8x4.8mm	137x41x6mm
Working Temperature	0℃~85℃	
Basic Specifications	DDR3/DDR4 options are available High aspect ratio aluminum heat sinks Capacity ranges from 4GB to 16 GB Rated frequency ranges from 1600MHz to 3200MHz	

Original chip makes your working & gaming without freeze

Ramsta Sky Wolf Ram For Laptop

- Designed by jeddc standard
- DDR3/DDR4 options are available
- Capacity ranges from 4GB to 16 GB



Ram for Notebook	DDR3	DDR4
Capacity	4GB~8GB	8GB~16GB
Module Type	Unbuffered DIMM	Unbuffered DIMM
Ram Dominant Frequency	1600MHz	2666MHz/3200MHz
Working Voltage	1.3V/1.5V	1.2V
Product Dimensions	67.6x30x3.8mm	69.6x30x3.8mm
Working Temperature	0℃~85℃	
Basic Specifications	Designed by jedec standard DDR3/DDR4 options are available Capacity ranges from 4GB to 16 GB Rated frequency ranges from 1600MHz to 2666MHz/3200MHz	



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