

Sahasra

“High Performance Storage Solutions”



Memory Products



SSD (Solid State Drive)

Consumer Grade

- 2.5" SATA III SSD Internal
- M.2 NVMe 2280 SSD Internal
- USB 3.1 Gen 2 Portable (External)

Enterprise Grade

- 2.5 Inch SATA III Internal



USB Flash Drive

- USB 2.0 Flash Drive
- USB 3.1 Flash Drive
- USB OTG Flash Drive



Micro SD Card

- Class 4 Series
- Class 6 Series
- Class 10 Series
- Extreme Series



DDR RAM

- DDR3 1600
- DDR4 2666/3200
- DDR5 3200/4800



Memory Products: Overview



- 8+ Yrs of Memory Product Manufacturing Experience with Leading Brands
- All Memory Products are “Made In India”, Served as Green Partner for SONY
- Dedicated Manufacturing Plant for Memory & IT Products with Monthly capacity of 500K Units for USB’s, 100K for Micro SD Cards & 60K Units for SSD’s
- Supply to leading brands as SONY, HP, PNY, Silicon Power, Amazon India, DIGIKEY, Flipkart etc within India as well as Export
- Availability of all range/capacity/Model of products as Plastic, Metal, COB, Flash, OTG, 2.0, 3.0, 3.1 in Memory Category
- Exported to more than 15 Countries such as Tunisia, Chile, USA, UK, Angola, South Africa, UAE, Nepal etc
- Availability of customized solutions such as Finger print based, Content Loaded etc
- Supplied more than 10 Million units till date
- Extended warranty of up to 5 Yrs on all Products



Manufactured By
Sahasra Electronics Private Limited

Memory Products: Solutions (OEM)



Manufactured By
Sahasra Electronics Private Limited

Memory Products: Manufacturing Facility



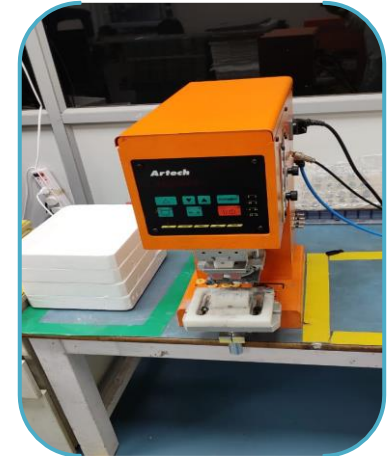
Functional Test 1



Functional Test 2



Laser Marking Machine



PAD Printing Machine



Heat Sealing



AOI



MRP Label Machine



Weighing Machine

Sahasra: Solid State Drive (SSD)

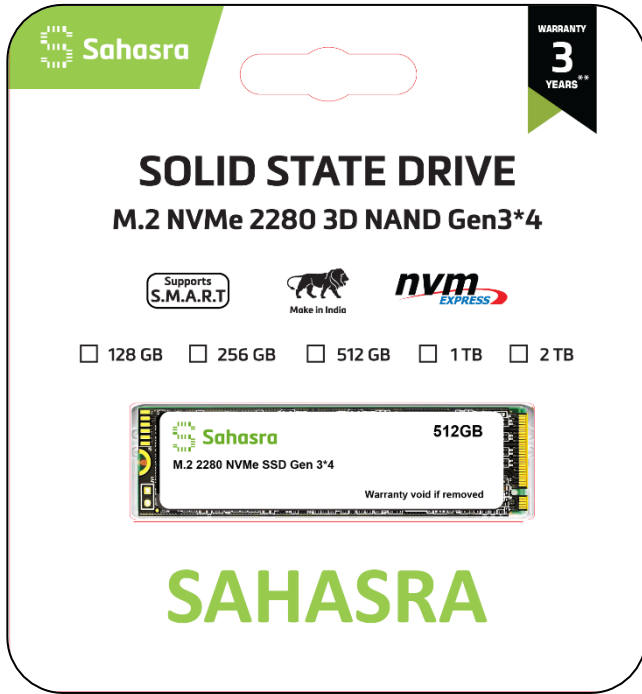


2.5 Inch SATA III Internal

Product overview	2.5" SATA III SSD Internal
Capacity	128GB ~ 4TB
Form Factor	Internal 2.5"
Interface	SATA III
Performance*	<ul style="list-style-type: none">• Read up to 560Mbps• Write up to 510Mbps
High Endurance (MTBF)*	More than 2 million hrs.

*Read and write speed, MTBF are under controlled test conditions at factory.

Solid State Drive (SSD)



SSD M.2 NVMe 2280 Gen 3*4

Product overview	SSD M.2 NVMe 2280
Capacity	128GB ~ 4TB
Form Factor	M.2 NVMe 2280
Interface	M.2
Performance*	<ul style="list-style-type: none">• Read up to 3000Mbps• Write up to 2700Mbps
High Endurance (MTBF)*	More than 2 million hrs.

* Read and write speed, MTBF are under controlled test conditions at factory.

Solid State Drive (SSD)



Portable SSD USB Type C

Product overview	SSD USB 3.1 Gen 1 External
Capacity	128GB ~ 2TB
Form Factor	(L) 100 x (W) 39 x (H) 8.6 MM
Interface	USB 3.1 Gen 1, Type C
Performance*	<ul style="list-style-type: none">• Read up to 2000Mbps• Write up to 1800Mbps
High Endurance (MTBF)*	More than 2 million hrs.

* Read and write speed, MTBF are under controlled test conditions at factory.

Solid State Drive (SSD): Enterprise Grade



2.5 Inch SATA III Internal



Product overview	2.5 Inch SATA III Internal
Capacity	240GB ~ 7068GB
Form Factor	2.5 Inch SSD
Interface	SATA Gen III, SATA Revision 3.2
Flash Interface	Transfer Rate upto 533 MBPS
Performance*	<ul style="list-style-type: none">• Read up to 550Mbps• Write up to 530Mbps
High Endurance (MTBF)*	More than 1.5 million hrs.
DWPD	0.6 to 3

* Read and write speed, MTBF are under controlled test conditions at factory.

Memory Module: DDR RAM



DDR3 RAM 1600

Module	U-DIMM & SO-DIMM
Form Factor	Standard 1.23 Inch & 1.18 Inch
Memory Type	DDR 3
Standard	JEDEC
Interface	288 Pin & 260 Pin
Density	4GB – 32GB
Speed	1600 MHz
Peak Transfer Rate	21800 MB/s
Power Supply	VDD & VDDQ= 1.35/1.5V
DRAM Activation Power Supply	VPP = 2.5V
DRAM Spec/VCC	DDR4 STD 1.35/1.5V
Operating Temperature	0 Deg. to 85 Deg.
Warranty	5 Years



Memory Module: DDR RAM



DDR4 RAM 2666/3200

Module	U-DIMM & SO-DIMM
Form Factor	Standard 1.23 Inch & 1.18 Inch
Memory Type	DDR 4
Standard	JEDEC
Interface	288 Pin & 260 Pin
Density	4GB – 32GB
Speed	2666 MHz/3200MHz
Peak Transfer Rate	21300MB/S
Power Supply	VDD & VDDQ= 1.2V
DRAM Activation Power Supply	VPP = 2.5V
DRAM Spec/VCC	DDR4 STD 1.2V
Operating Temperature	0 Deg. to 85 Deg.
Warranty	5 Years



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Memory Module: DDR RAM



DDR5 RAM 4800/5200/5600



Module	U-DIMM & SO-DIMM
Form Factor	Standard 1.23 Inch & 1.18 Inch
Memory Type	DDR 5
Standard	JEDEC
Interface	288 Pin & 260 Pin
Density	16GB – 32GB
Speed	4800MHz/5200MHz/5600MHz
Peak Transfer Rate	32000MB/S
Power Supply	VDD & VDDQ= 1.1V
DRAM Activation Power Supply	VPP = 2.5V
DRAM Spec/VCC	DDR5 STD 1.1V
Operating Temperature	0 Deg. to 85 Deg.
Warranty	5 Years

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Micro SD Card



Class 10 & Extreme Series

Class 10 Series

Capacity: 8GB ~ 512GB

Speed Class: Class 10 UHS 1 U1

Performance (R/W)*: 90/25Mbps

Color: Black

Extreme Series

Capacity: 64GB ~ 512GB

Speed Class: Class 10 UHS 1 U3

Performance (R/W)*: 100/70Mbps

Color: Black



Manufactured by

Sahasra Electronics Private Limited

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