

zionTM

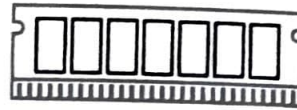
T E C H

Memories Forever

India's No.1
DRAM Brand



ABOUT US



India's No.1 DRAM Brand

Zion – Where Memories Live On, and Dreams Take Flight

Since 1998, ZION has been offering locally assembled memory modules in India, making us one of the pioneers in bringing world-class memory and storage solutions closer to home. Over the last 25 years, more than 10 million ZION modules have powered dreams, milestones, and missions - trusted by institutions like ISRO, DRDO, BARC, PMO, and the Indian Defence sector. Guided by the spirit of Make in India, ZION delivers a full portfolio of high-performance memory (DDR5 & DDR4) and SSDs (Gen4 & Gen3) to serve diverse customer streams:

Indian and Global OEMs, who rely on consistency and scale
Enterprise customers, who demand performance and reliability
Consumers, who look for speed and trust in everyday computing

With Pan-India availability and a strong dealer network, ZION products are within reach across the country, ensuring seamless accessibility and support.

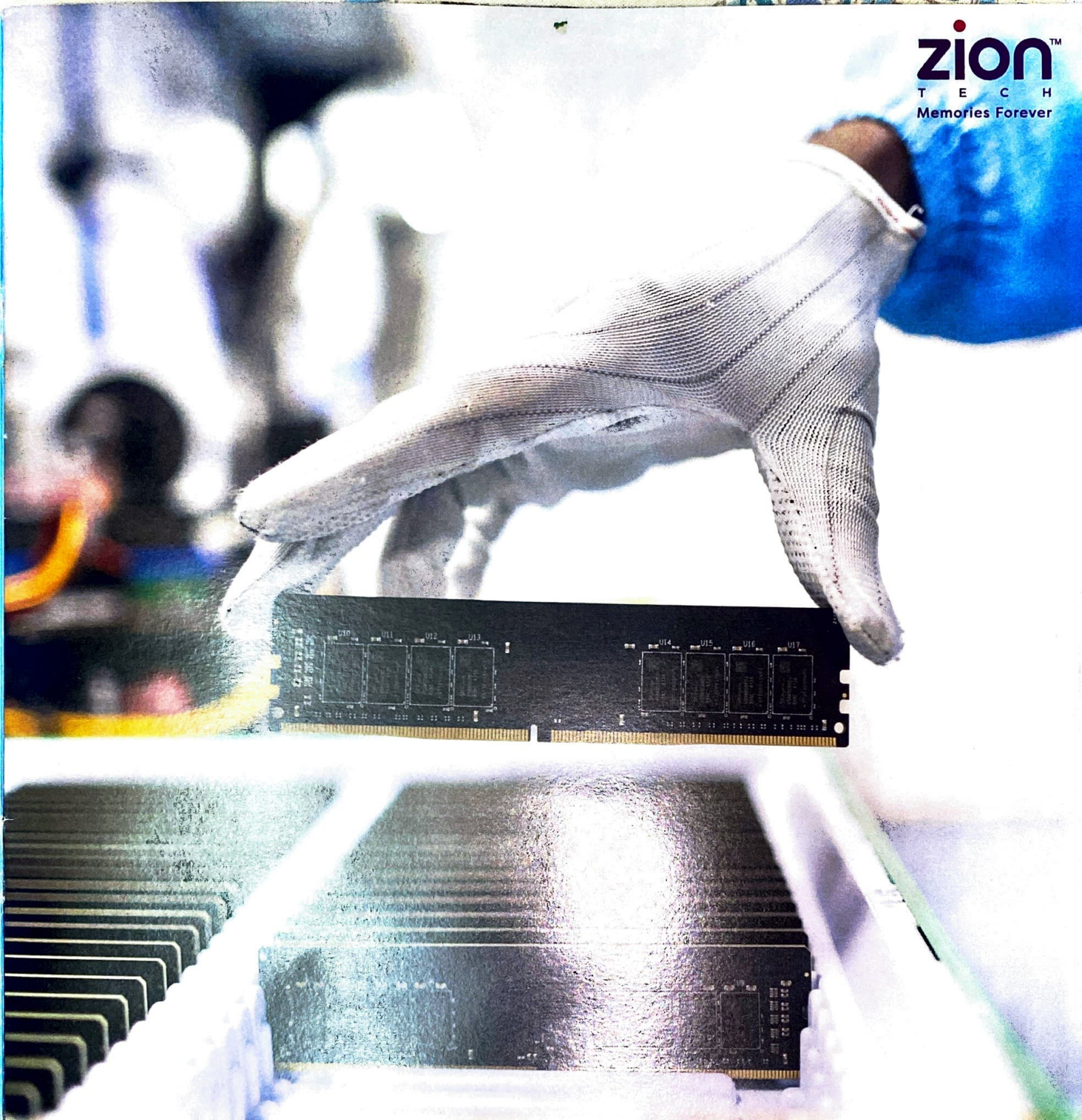
At ZION, quality is not just a feature-it's our foundation. Every product undergoes rigorous reliability checks, including dynamic environment testing, to ensure long-lasting performance. And because technology is only as good as the care behind it, we back it with hassle-free pickup & drop service to make after-sales support quick, convenient, and reliable.

"Memories Forever" is more than a tagline-it's a promise to protect your data, power your innovations, and always stand by you.

Prestigious Clientele :

ISRO • Prime Minister's Office (PMO) • DRDO • BARC
Indian Defence Forces - Army, Navy & Airforce • R&AW • Ministry of Finance

zion™
T E C H
Memories Forever





25 Years of Trust

More than 25 years of innovation, reliability, and customer trust. A journey built on quality, service, and lasting relationships.



Pickup & Drop Service for Customers

We offer a hassle-free pickup & drop service for our customers. Simply visit the link, fill out the form, and log your complaint - we'll take care of the rest.



10M+ Memory Units Sold

Trusted by millions, built on
rigorously tested technology
and uncompromised quality.

GeM Registered

Corporate Trusted

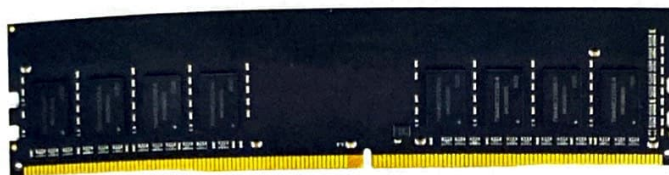
Enterprise, Server &
Gaming Solutions

Make in India

Leading the way as India's first brand
with memory modules and SSDs
proudly manufactured locally,
aligned with the Make in India
initiative.

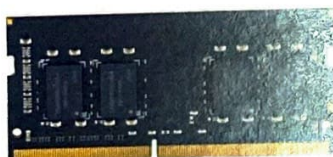
ZION MEMORY

DDR4 DESKTOP



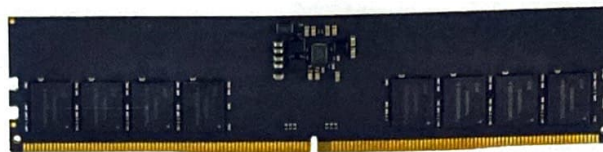
Capacity	8GB		16GB	
Model/ Part Number	ZM8GUD266	ZM8GUD320	ZM16GUD266	ZM16GUD320
Memory Type	DDR4	DDR4	DDR4	DDR4
Form Factor	UDIMM	UDIMM	UDIMM	UDIMM
Speed Frequency	2666 Mhz	3200 Mhz	2666 Mhz	3200 Mhz
Pins	288 pin	288 pin	288 pin	288 pin
CAS Latency	22	22	22	22
Operating Voltage	1.2V	1.2V	1.2V	1.2V
Operating Temperature	0°C to 85°C	0°C to 85°C	0°C to 85°C	0°C to 85°C
Dimensions	133.35 (L) x 31.25 (W) mm			
Weight	About 18.2 gm.			

DDR4 LAPTOP



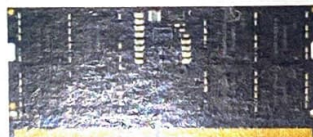
Capacity	8GB		16GB	
Model/ Part Number	ZM8GSD266	ZM8GSD320	ZM16GSD266	ZM16GSD320
Memory Type	DDR4	DDR4	DDR4	DDR4
Form Factor	SODIMM	SODIMM	SODIMM	SODIMM
Speed Frequency	2666 Mhz	3200 Mhz	2666 Mhz	3200 Mhz
Pins	260 pin	260 pin	260 pin	260 pin
CAS Latency	22	22	22	22
Operating Voltage	1.2V	1.2V	1.2V	1.2V
Operating Temperature	0°C to 85°C	0°C to 85°C	0°C to 85°C	0°C to 85°C
Dimensions	69.6 (L) x 30 (W) mm			
Weight	About 14.8 gm.			

DDR5 DESKTOP



Capacity	16GB		32GB	
Model / Part Number	ZM16GUD480	ZM16GUD560	ZM32GUD480	ZM32GUD560
Memory Type	DDR5	DDR5	DDR5	DDR5
Form Factor	UDIMM	UDIMM	UDIMM	UDIMM
Speed Frequency	4800 Mhz	5600 Mhz	4800 Mhz	5600 Mhz
Pins	288 pin	288 pin	288 pin	288 pin
CAS Latency	16	16	16	16
Operating Voltage	1.1V	1.1V	1.1V	1.1V
Operating Temperature	0°C to 85°C	0°C to 85°C	0°C to 85°C	0°C to 85°C
Dimensions	133.35 (L) x 31.25 (W) mm			
Weight	About 18.2 gm.			

DDR5 LAPTOP



Capacity	16GB		32GB	
Model / Part Number	ZM16GSD480	ZM16GSD560	ZM32GSD480	ZM32GSD560
Memory Type	DDR5	DDR5	DDR5	DDR5
Form Factor	SODIMM	SODIMM	SODIMM	SODIMM
Speed Frequency	4800 Mhz	5600 Mhz	4800 Mhz	5600 Mhz
Pins	262 pin	262 pin	262 pin	262 pin
CAS Latency	16	16	16	16
Operating Voltage	1.1V	1.1V	1.1V	1.1V
Operating Temperature	0°C to 85°C	0°C to 85°C	0°C to 85°C	0°C to 85°C
Dimensions	69.6 (L) x 30 (W) mm			
Weight	About 14.8 gm.			

ZION SSD

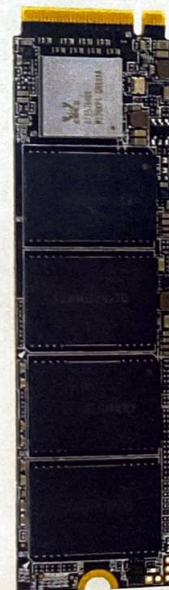
2.5" SATA III SSD

Capacity	256GB	512GB	1TB
Model / Part Number	ZSS250256	ZSS250512	ZSS251024
Form Factor	2.5" SATA		
Interface	SATA III (6 Gbps)		
Flash	3D TLC NAND		
Reliability (MTBF)	> 1,500,000 hours		
Sequential Read Speed	550 MB/s	550 MB/s	550 MB/s
Sequential Write Speed	550 MB/s	550 MB/s	550 MB/s
Endurance (TBW)	125TB	250TB	500TB
Operating Temperature	0°C to 70°C		
Dimensions	100mm x 69.85mm x 7mm		
Weight	About 40 gm.		



NVMe M.2 PCIe Gen 3.0 SSD

Capacity	256GB	512GB	1TB
Model / Part Number	ZSNM2G30256	ZSNM2G30512	ZSNM2G31024
Form Factor	M.2 2280		
Interface	PCIe Gen 3 x 4 (8Gbps)		
Flash	3D QLC NAND		
Compliance	NVMe 1.4		
Reliability (MTBF)	> 1,500,000 hours		
Sequential Read Speed	3000 MB/s		
Sequential Write Speed	2000 MB/s		
Endurance (TBW)	75TB	150TB	300TB
Operating Temperature	0°C - 70°C		
Dimensions	80mm x 22mm x 2.25mm		
Weight	About 8 gm.		



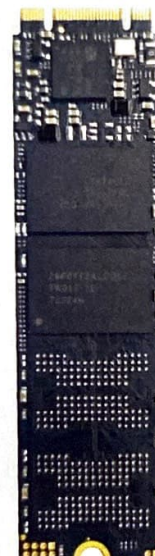
NVMe M.2 PCIe Gen 4.0 SSD

Capacity	512GB	1TB	2TB
Model / Part Number	ZSNM2G40512	ZSNM2G41024	ZSNM2G42048
Form Factor	M.2 2280		
Interface	PCIe Gen 4 x 4 (16Gbps)		
Flash	3D TLC NAND		
Compliance	NVMe 2.0		
Reliability (MTBF)	> 1,500,000 hours		
Sequential Read Speed	5100 MB/s	5300 MB/s	5300 MB/s
Sequential Write Speed	4500 MB/s	4700 MB/s	5000 MB/s
Endurance (TBW)	250TB	500TB	1000TB
Operating Temperature	0°C ~ 70°C		
Dimensions	80mm x 22mm x 2.25mm		
Weight	About 8 gm.		



M.2 SATA III SSD

Capacity	256GB	512GB	1TB
Model / Part Number	ZSSM20256	ZSSM20512	ZSSM21024
Form Factor	M.2 2280		
Interface	SATA III 6Gbps		
Flash	3D TLC NAND		
Compliance	SATA III		
Reliability (MTBF)	> 1,500,000 hours		
Sequential Read Speed	550 MB/s	550 MB/s	550 MB/s
Sequential Write Speed	550 MB/s	550 MB/s	550 MB/s
Endurance (TBW)	125TB	250TB	500TB
Operating Temperature	0°C ~ 70°C		
Dimensions	80mm x 22mm x 3.50mm		
Weight	About 8 gm.		





BLUECHIP SERIES

Intelligence inside

Engineered for excellence, Zion Bluechip represents our flagship range of high-performance memory and storage solutions, built for those who demand nothing less than the best.

Crafted with cutting-edge technology and rigorously tested for reliability, the Bluechip series is designed to power servers, data centers, workstations, and next-generation PCs. From high-speed DDR5 memory modules to enterprise-grade NVMe SSDs, every Bluechip product is a symbol of uncompromising quality, durability, and innovation.

Backed by internationally recognized quality and environmental certifications, Zion Bluechip ensures not only superior performance but also responsible manufacturing practices. As a premium-class offering, it is trusted by enterprises, professionals, and performance enthusiasts who seek world-class technology with proven reliability.

High-Performance Memory Modules

Zion Bluechip DDR4 and DDR5 memory modules deliver high performance, stability, and efficiency across desktops, laptops, workstations, and servers. Available in Standard, ECC, and RDIMM variants, each module is built with advanced ICs, rigorously tested for reliability, and optimized for professionals, gamers, AI, and enterprise workloads.

Category	Capacity
DDR4 PC3200 Desktop / Laptop Memory	Up to 32GB
DDR4 PC3200 ECC / Registered ECC Desktop Memory	Up to 32GB
DDR5 PC4800 Desktop / Laptop Memory	Up to 32GB
DDR5 PC4800 ECC / Registered ECC Desktop Memory	Up to 64GB
DDR5 PC5600 Desktop / Laptop Memory	Up to 32GB
DDR5 PC5600 ECC / Registered ECC Desktop Memory	Up to 64GB

Solid State Drives (SSDs)

Zion Bluechip SATA III and NVMe SSDs are engineered for speed and durability. With blazing-fast read/write speeds and long endurance, Zion Bluechip SSDs significantly reduce boot times and enhance overall system responsiveness. Available in 2.5", M.2 SATA, and M.2 NVMe form factors, they are perfect for laptops, desktops, and high-performance servers.

Category	Capacity
2.5" SATA III SSD	Up to 16TB
PCIe NVMe SSD (Gen 3)	Up to 1TB
PCIe NVMe SSD (Gen 4)	Up to 2TB
Enterprise SSD (U.2 / U.3) – PCIe 4.0	Up to 32TB
Enterprise SSD (U.2 / U.3) – PCIe 5.0	Up to 32TB



India's No.1 DRAM Brand

Website



Whatsapp



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Email



ABACUS PERIPHERALS PRIVATE LIMITED