

## 8GB DDR4 PC3200 LAPTOP MEMORY

### ZM8GSD320



#### Product Overview

The Zion 8GB DDR4 3200 MHz Memory Module is designed to deliver reliable performance for laptops, notebooks, and compact computing systems. Built with high-quality DRAM components and strict quality controls, it ensures stable operation, improved multitasking efficiency, and long-term durability.

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#### Key Features

- DDR4 SDRAM technology
- High-speed performance up to 3200 MHz
- Optimized for desktop and embedded platforms
- Low power consumption at 1.2V
- Non-ECC, unbuffered DIMM
- RoHS compliant
- 100% compatibility and reliability tested

## Product Specifications

Parameter	Specification
Capacity	8GB
Memory Type	DDR4 SDRAM
Speed	3200 MHz
Data Rate	3200 MT/s
Voltage	1.2V
Form Factor	SO-DIMM
Pin Count	260-pin
ECC	Non-ECC
Buffered / Registered	Unbuffered
CAS Latency	22
Operating Temperature	0°C to 85°C
Storage Temperature	-40°C to 85°C

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## Physical Dimensions

- Form Factor: DDR4 SO-DIMM
  - Pin Configuration: 260-pin
  - Dimensions: 69.6 (L) x 30.0 (W) mm
  - Weight: About 8.5 gm.
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## Advanced Memory Management

- JEDEC-compliant design
  - On-Die Termination (ODT)
  - Command/Address parity
  - Auto self-refresh and power-down modes
  - Enhanced signal integrity for stable operation
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## Warranty

- 3-Year Warranty