32GB DDR4 PC3200 DESKTOP MEMORY

ZM32GUD320



Product Overview

The Zion 32GB DDR4 3200 MHz Memory Module is designed to deliver reliable performance for desktop, workstation, and embedded computing applications. Built with high-quality DRAM components and strict quality controls, it ensures stable operation, improved multitasking efficiency, and long-term durability.

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

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Product Specifications

Parameter	Specification
Capacity	32GB
Memory Type	DDR4 SDRAM
Speed	1600 MHz (Double Data Rate)
Data Rate	3200 MT/s
Voltage	1.2V
Form Factor	UDIMM
Pin Count	288-pin
ECC	Non-ECC
Buffered / Registered	Unbuffered
CAS Latency	22
Operating Temperature	0°C to 85°C
Storage Temperature	-40°C to 85°C

Physical Dimensions

- Form Factor: DDR4 UDIMM
- Pin Configuration: 288-pin
- Dimensions: 133.35 (L) x 31.25 (W) mm
- Weight: About 18 gm.

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

Warranty

- 3-Year Warranty

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