## ADATA Industrial & Embedded Solutions
# DRAM MODULE

Designed for enterprise servers and data centers, ADATA's DDR4 SO-DIMM features outstanding durability and power efficiency to meet the strictest demands of long-term operations. Without comprising reliability and stability, ADATA's DDR4 SO-DIMMs run on a mere 1.2 volts, and thus require 20% less power than outdated DDR3 memory. With this in mind, ADATA's DDR4 SO-DIMMs are your environmentally friendly choice for operational cost savings and extended lifespan.

## Key Features

- High speed up to 3200MHz

- Large capacity up to 32GB

- Transfer bandwidths up to 25.6GB/s

- Energy efficient: save up to 20% compared to DDR3

- PCB gold plating: 30μ and up

- Supports Intel® Core™ 8th/9th/10th series and AMD® ZEN 2nd 3rd Ryzen™ series

- High-quality PCB provides improved signal transfer and system stability



## Target Applications

Server, Data Center, Embedded System, Box PC, POS

| 30μ Golden Finger | Wide Temperature | Temperature Sensor | Low Power Consumption |
|:---:|:---:|:---:|:---:|
| ● | – | – | ● |

● Supported    – Not available

## Specifications

| Model | DDR4 3200 SO-DIMM |
|---|---|
| Speed | 3200MHz |
| Form Factor | Standard (1.18" height) |
| Interface | 260 Pin |
| Capacity | 8GB / 16GB / 32GB |
| IC Configuration | 1024M x 8 / 2048M x 8 |
| Timing CL-tRCD-tRP-tRAS | 22-22-22-52 |
| Voltage | 1.2V |
| Rank Number | 1Rank / 2Rank |
| Operating Temperature | 0$^{o}$C to 85$^{o}$C |
| Golden Finger Plating | 3 or 30 micro inch |
| Warranty | Lifetime |
| Standard | JEDEC |
| RoHS | Yes |
| Application | Embedded system, Medical application |

## Ordering Info

| Capacity | P/N | IC Configuration |
|---|---|---|
| 8GB | AD4S320038G22-BSSC | 1024M x 8 |
| 16GB | AD4S3200316G22-BSSC | 1024M x 8 |
| 32GB | AD4S3200732G22-BSSA | 2048M x 8 |

CE

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