



## ADATA Industrial & Embedded Solutions

# DRAM MODULE

Designed for enterprise servers and data centers, ADATA's DDR4 U-DIMM features outstanding durability and power efficiency to meet the strictest demands of long-term operations. Without comprising reliability and stability, ADATA's DDR4 U-DIMMs run on a mere 1.2 volts, and thus require 20% less power than outdated DDR3 memory.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 U-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 U-DIMM                     |
|-------------------------|--------------------------------------|
| Speed                   | 3200MHz                              |
| Form Factor             | Standard (1.23" height)              |
| Interface               | 288 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°C to 85°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      | AD4U320038G22-BSSC  | 1024M x 8        |
| 16GB     | AD4U3200316G22-BSSC | 1024M x 8        |
| 32GB     | AD4U3200732G22-BSSA | 2048M x 8        |

