



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reliability and stability, ADATA's DDR4 U-DIMMs run on a mere 1.2 volts, and thus require 20% less power than outdated DDR3 memory.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



ADATA Technology
2F, No. 258, Liancheng Rd., Zhonghe Dist.,
New Taipei City 235, Taiwan