



DDR5-5600 U-DIMM Memory Module

# ADVANCING FORWARD



## DDR5-5600 U-DIMM Memory Module

The future of DRAM is here in the form of the ADATA DDR5-5600 U-DIMM module. Compared to its predecessors, this module provides a significant speed boost, higher capacities, reduced power consumption, and increased bandwidth per CPU core.

### Features

- High speed up to 5600MHz
- Built-in Power Management IC, more Energy-Efficient
- Capacity Doubled
- On-Die Error Correcting Code
- Improved Stability
- Works with the latest AMD and Intel platforms

### Specifications

- **Module:** 288-pin DIMM
- **Capacity:** 8GB/16GB/32GB
- **CAS Latencies:** 46-45-45
- **Power supply:** VIN = 5V
- **DRAM VDD** 1.1V
- **Operating temperature:** 0°C - 85°C
- **Warranty:** Limited Lifetime Warranty



## Model Number and EAN Code

| Capacity    |           | Package     | Model Number   | EAN Code      |
|-------------|-----------|-------------|----------------|---------------|
| <b>8GB</b>  | 1024 x 16 | Single Tray | AD5U56008G-S   | 4711085940179 |
|             | 1024 x 16 | Dual Tray   | AD5U56008G-DT  | 4711085940186 |
| <b>16GB</b> | 2048 x 8  | Single Tray | AD5U560016G-S  | 4711085939234 |
|             | 2048 x 8  | Dual Tray   | AD5U560016G-DT | 4711085939241 |
| <b>32GB</b> | 2048 x 8  | Single Tray | AD5U560032G-S  | 4711085939296 |
|             | 2048 x 8  | Dual Tray   | AD5U560032G-DT | 4711085939302 |

## Package Information

| Package Type | IC Qty | Bulk Weight (g) | Weight (g) | Dimensions (L x W x H) mm | Carton Dimensions (L x W x H) mm | Cuft | Qty per carton (pcs) | Carton N.W. (g) | Carton G.W. (g) |
|--------------|--------|-----------------|------------|---------------------------|----------------------------------|------|----------------------|-----------------|-----------------|
| Single Tray  | 4      | 16.15           | 26.25      | 170 x 55 x 9              | 340 X 300 X 212                  | 0.76 | 200                  | 3,230           | 3,692           |
| Dual Tray    | 4      | 16.15           | 60.3       | 170 x 110 x 8.4           | 364 X 355 X 300                  | 1.4  | 120                  | 7,236           | 7,815           |
| Single Tray  | 8      | 16.72           | 26.82      | 170 x 55 x 9              | 340 X 300 X 212                  | 0.76 | 200                  | 5,364           | 5,826           |
| Dual Tray    | 8      | 16.72           | 61.44      | 170 x 110 x 8.4           | 364 X 355 X 300                  | 1.4  | 120                  | 7,373           | 7,951           |
| Single Tray  | 16     | 18              | 28.1       | 170 x 55 x 9              | 340 X 300 X 212                  | 0.76 | 200                  | 5,620           | 6,082           |
| Dual Tray    | 16     | 18              | 64         | 170 x 110 x 8.4           | 364 X 355 X 300                  | 1.4  | 120                  | 7,680           | 8,259           |



Single Tray

Dual Tray