

DDR5-4800 U-DIMM Memory Module

# A NEW AGE IN DRAM



## DDR5-4800 U-DIMM Memory Module

The future of DRAM is here in the form of the ADATA DDR5-4800 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 4800MHz
- Built-in Power Management IC, more Energy-Efficient
- Capacity Doubled
- On-Die Error Correcting Code
- Improved Stability
- Supports Intel® Core™ 12th series CPU

### Specifications

- Module: 288-pin DIMM
- Densities: 8GB / 16GB / 32GB
- Power supply: VIN = 5V
- DRAM VDD 1.1V
- Operating temperature: 0°C to 85°C
- Warranty: limited lifetime



8GB x4



16GB x8, 32GBx16



Retail Pack



Dual Tray



Single Tray



## Model Number and EAN Code

| Capacity |         | Package     | Model Number   | EAN Code      |
|----------|---------|-------------|----------------|---------------|
| 8GB      | 1024X16 | Bulk        | AD5U48008G-B   | N/A           |
|          |         | Single Tray | AD5U48008G-S   | 4711085936417 |
|          |         | Dual Tray   | AD5U48008G-DT  | 4711085936424 |
|          |         | Retail      | AD5U48008G-R   | 4711085936431 |
| 16GB     | 2048x8  | Bulk        | AD5U480016G-B  | N/A           |
|          |         | Single Tray | AD5U480016G-S  | 4711085936448 |
|          |         | Dual Tray   | AD5U480016G-DT | 4711085936455 |
|          |         | Retail      | AD5U480016G-R  | 4711085936462 |
| 32GB     | 2048x8  | Bulk        | AD5U480032G-B  | N/A           |
|          |         | Single Tray | AD5U480032G-S  | 4711085936479 |
|          |         | Dual Tray   | AD5U480032G-DT | 4711085936486 |
|          |         | Retail      | AD5U480032G-R  | 4711085936493 |

## Package Information

| Package Type | IC Qty | Bulk Weight (g) | Qty per tray (pcs) | Weight per tray (g) | Qty per sub carton | Weight per sub carton | Carton Dimensions (L x W x H) mm | Cuft | Qty per carton (pcs) | Carton N.W. (g) | Carton G.W. (g) |
|--------------|--------|-----------------|--------------------|---------------------|--------------------|-----------------------|----------------------------------|------|----------------------|-----------------|-----------------|
| Bulk         | 4      | 16.1            | 50                 | 999                 | 100                | 2,213                 | 427 X 363 X 253                  | 1.39 | 500                  | 11,065          | 11,928          |
|              | 8      | 16.2            | 50                 | 1,004               | 100                | 2,223                 |                                  |      | 500                  | 11,115          | 11,978          |
|              | 16     | 17.15           | 50                 | 1,054               | 100                | 2,323                 |                                  |      | 500                  | 11,615          | 12,478          |

| Package Type | IC Qty | Bulk Weight (g) | Single tray weight (g) | Single Tray 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      | 16.1            | 25.6                   | 170 x 55 x 9                          | 340 X 300 X 212                  | 0.76 | 200                  | 5,120           | 7,560           |
|              | 8      | 16.2            | 29.3                   |                                       |                                  |      | 200                  | 5,860           | 8,300           |
|              | 16     | 17.15           | 29.85                  |                                       |                                  |      | 200                  | 5,970           | 8,410           |
| Retail       | 4      | 16.1            | 27.1                   | 180 x 129 x 8                         | 378 X 251 X 290                  | 0.97 | 200                  | 7,820           | 8,400           |
|              | 8      | 16.2            | 27.2                   |                                       |                                  |      | 200                  | 7,840           | 8,420           |
|              | 16     | 17.15           | 28.15                  |                                       |                                  |      | 200                  | 8,030           | 8,610           |
| Dual Tray    | 4      | 16.1            | 37.4                   | 170 x 110 x 8.4                       | 364 X 355 X 300                  | 1.4  | 150                  | 5,610           | 6,335           |
|              | 8      | 16.2            | 37.6                   |                                       |                                  |      | 150                  | 5,640           | 6,365           |
|              | 16     | 17.15           | 39.5                   |                                       |                                  |      | 150                  | 5,925           | 6,650           |