**Manuals+** — User Manuals Simplified.



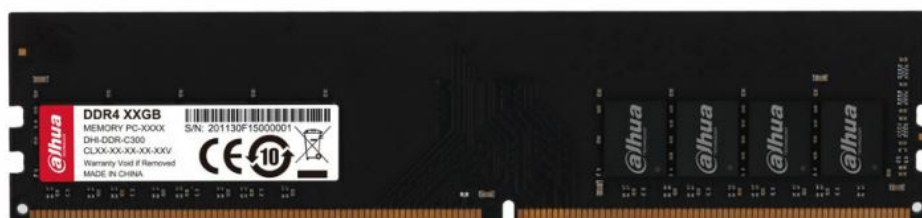# dahua C300 Series Memory Modules Instructions

## Contents

**dahua C300 Series Memory Modules**

- It uses a featured DRAM chip to provide great performance and high-speed data transmission.
- It curved gold finger to ensure stable installation and signal transmission.
- Reliable quality and lifetime warranty.
- Highly compatible; supports mainstream platforms such as Intel and AMD; plug-and-play.

## System Overview

The C300 series memory modules are DDR4 DRAM products with SODIMM and UDIMM models. With an operating frequency of 2666 MHZ, they not only provide faster data exchange speed but also greatly improve the system's overall performance.

## Functions

### Featured DRAM Chip and Great Performance
It uses high-quality DRAM chips to provide great performance and long service life.

### Meet Various Needs
Meets the needs of consumers for PC memory replacement and device upgrade to provide a fast experience.

### Compatible with Various Products
Compatible with Intel and AMD platforms; passes tests with various motherboards of well-known brands; highly compatible and stable.

## Scene

The C300 series is designed to meet the needs of consumers for PC memory replacement and device upgrades. The operating frequency is as high as 2666 MHz to support multi-thread and multi-task operation of the system. They can be widely used in laptops, desktops, all-in-one computers, and more.

## Technical Specification

| Product Model | DHI-DDR-C300S4G26 | DHI-DDR-C300S8G26 | DHI-DDR-C300S16G26 | DHI-DDR-C300S32G26 |
|---|---|---|---|---|
| Capacity | 4 GB | 8 GB | 16 GB | 32 GB |
| Type | SODIMM | | | |
| Applicable Model | DDR4 laptop | | | |
| Voltage | 1.2 V | | | |
| CAS Latency | CL19 | | | |
| Operating Frequency | 2666 MHz | | | |
| Number of Pins | 260 | | | |
| Operating Temperature | 0 °C to +70 °C (+32 °F to 158 °F) | | | |
| Storage Temperature | 20 °C to +85 °C (-4 °F to +185 °F) | | | |
| Operating Humidity | 25%–85% (non-condensing) | | | |
| Warranty | Lifetime | | | |
| Product Dimensions | 69.6 mm × 30 mm × 3.58 mm (2.74″ × 1.18″ × 0.14″)① | | | |
| Packaging Dimensions | 165 mm × 51 mm × 16.5 mm (6.50″ × 2.01″ × 0.65″) | | | |
| Net Weight | 8.5 g (0.02 lb) | | | |
| Gross Weight | 36 g (0.08 lb) | | | |

| Product Model | DHI-DDR-C300S4G32 | DHI-DDR-C300S8G32 | DHI-DDR-C300S16G32 | DHI-DDR-C300S32G32 |
|---|---|---|---|---|
| Capacity | 4 GB | 8 GB | 16 GB | 32 GB |
| Type | SODIMM | | | |
| Applicable Model | DDR4 laptop | | | |
| Voltage | 1.2 V | | | |
| CAS Latency | CL22 | | | |
| Operating Frequency | 3200 MHz | | | |
| Number of Pins | 260 | | | |
| Operating Temperature | 0 °C to +70 °C (+32 °F to 158 °F) | | | |
| Storage Temperature | 20 °C to +85 °C (-4 °F to +185 °F) | | | |
| Operating Humidity | 25%–85% (non-condensing) | | | |
| Warranty | Lifetime | | | |
| Product Dimensions | 69.6 mm × 30 mm × 3.58 mm (2.74″ × 1.18″ × 0.14″)① | | | |
| Packaging Dimensions | 165 mm × 51 mm × 16.5 mm (6.50″ × 2.01″ × 0.65″) | | | |
| Net Weight | 8.5 g (0.02 lb) | | | |
| Gross Weight | 36 g (0.08 lb) | | | |
| Reference Information | Note: ①The thickness is calculated at the thickest point.<br><br>1. For different batches of products, memory chips of different brands and models will be used. All chips have been strictly tested to ensure quality. Chip brand and testing results of third-party softwares cannot be the basis for whether the product is genuine.<br><br>2. For products with the same capacity, there are 8 chips and 16 chips, which will be shipped randomly according to the inventory.<br><br>3. For memory modules of the same generation, the operating frequency is backward compatible. For example, the frequency of DDR4 includes 2400, 2666, 3000 and more. The memory module with the frequency of 3000 can be used in motherboards supporting 2666 or 2400 with lower frequency. | | | |

| Product Model | DHI-DDR-C300U4G26 | DHI-DDR-C300U8G26 | DHI-DDR-C300U16G26 | DHI-DDR-C300U32G26 |
|---|---|---|---|---|
| Capacity | 4 GB | 8 GB | 16 GB | 32 GB |
| Type | UDIMM | | | |
| Applicable Model | DDR4 desktop | | | |
| Voltage | 1.2 V | | | |
| CAS Latency | CL19 | | | |
| Operating Frequency | 2666 MHz | | | |
| Number of Pins | 288 | | | |
| Operating Temperature | 0 °C to +70 °C (+32 °F to 158 °F) | | | |
| Storage Temperature | 20 °C to +85 °C (-4 °F to +185 °F) | | | |
| Operating Humidity | 25%–85% (non-condensing) | | | |
| Warranty | Lifetime | | | |
| Product Dimensions | 69.6 mm × 30 mm × 3.58 mm (2.74″ × 1.18″ × 0.14″)① | | | |
| Packaging Dimensions | 165 mm × 51 mm × 16.5 mm (6.50″ × 2.01″ × 0.65″) | | | |
| Net Weight | 16 g (0.04 lb) | | | |
| Gross Weight | 44 g (0.10 lb) | | | |
| Reference Information | Note: ①The thickness is calculated at the thickest point.<br><br>1. For different batches of products, memory chips of different brands and models will be used. All chips have been strictly tested to ensure quality. Chip brand and testing results of third-party softwares cannot be the basis for whether the product is genuine.<br><br>2. For products with the same capacity, there are 8 chips and 16 chips, which will be shipped randomly according to the inventory.<br><br>3. For memory modules of the same generation, the operating frequency is backward compatible. For example, the frequency of DDR4 includes 2400, 2666, 3000 and more. The memory module with the frequency of 3000 can be used in motherboards supporting 2666 or 2400 with lower frequency. | | | |

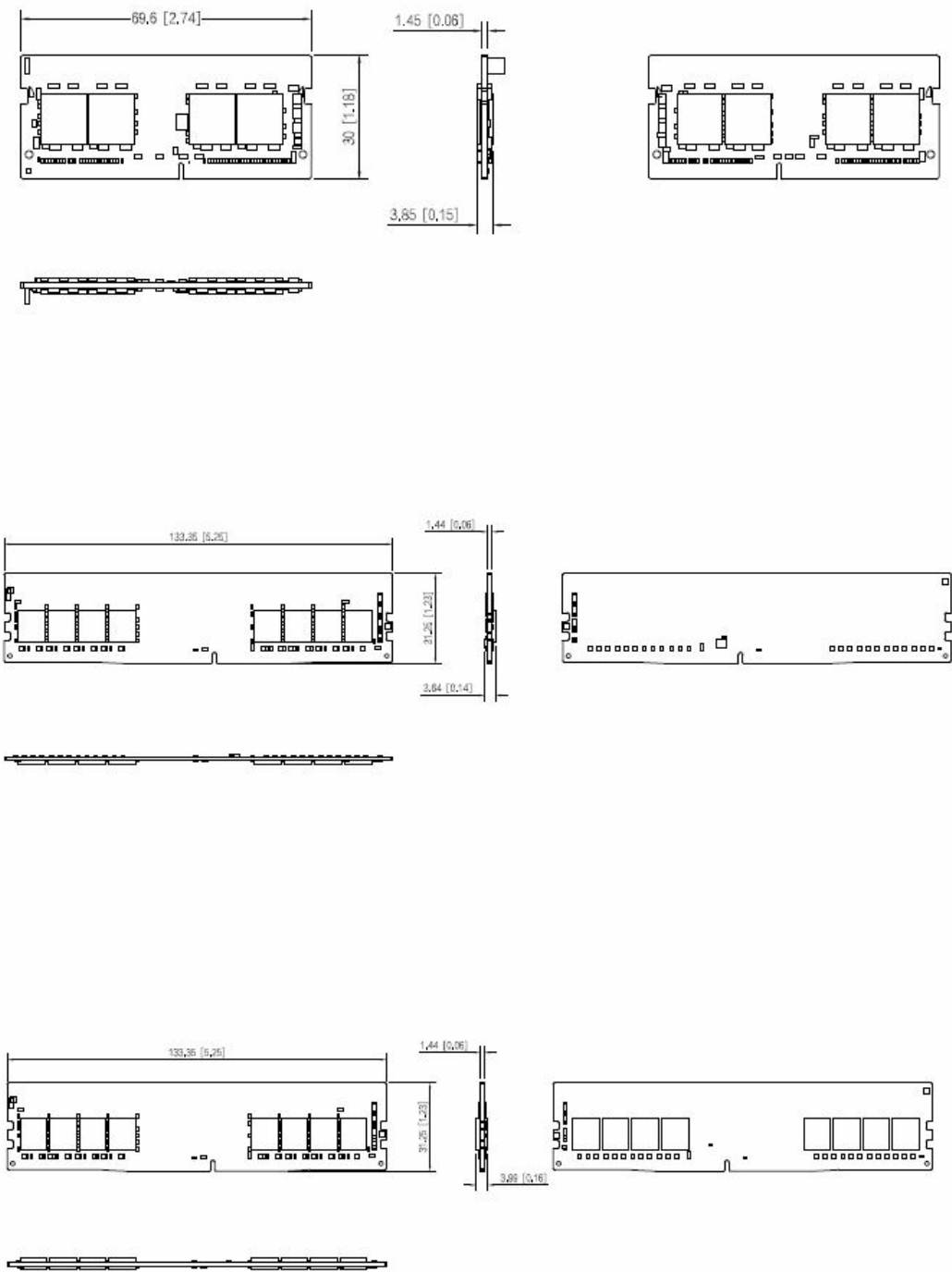| Product Model | DHI-DDR-C300U4G32 | DHI-DDR-C300U8G32 | DHI-DDR-C300U16G32 | DHI-DDR-C300U32G32 |
|---|---|---|---|---|
| Capacity | 4 GB | 8 GB | 16 GB | 32 GB |
| Type | UDIMM | | | |
| Applicable Model | DDR4 desktop | | | |
| Voltage | 1.2 V | | | |
| CAS Latency | CL22 | | | |
| Operating Frequency | 3200 MHz | | | |
| Number of Pins | 288 | | | |
| Operating Temperature | 0 °C to +70 °C (+32 °F to 158 °F) | | | |

| | |
|---|---|
| Storage Temperature | 20 °C to +85 °C (-4 °F to +185 °F) |
| Operating Humidity | 25%–85% (non-condensing) |
| Warranty | Lifetime |
| Product Dimensions | 69.6 mm × 30 mm × 3.58 mm (2.74″ × 1.18″ × 0.14″)① |
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## Ordering Information

| Type | Model | Description |
|---|---|---|
| Portable Solid State Drive | DHI-DDR-C300S4G26 | C300 Series DDR4 2666 4 GB Memory Module for Laptops |
| | DHI-DDR-C300S8G26 | C300 Series DDR4 2666 8 GB Memory Module for Laptops |
| | DHI-DDR-C300S16G26 | C300 Series DDR4 2666 16 GB Memory Module for Laptops |
| | DHI-DDR-C300S32G26 | C300 Series DDR4 2666 32 GB Memory Module for Laptops |
| | DHI-DDR-C300S4G32 | C300 Series DDR4 3200 4 GB Memory Module for Laptops |
| | DHI-DDR-C300S8G32 | C300 Series DDR4 3200 8 GB Memory Module for Laptops |
| | DHI-DDR-C300S16G32 | C300 Series DDR4 3200 16 GB Memory Module for Laptops |
| | DHI-DDR-C300S32G32 | C300 Series DDR4 3200 32 GB Memory Module for Laptops |
| | DHI-DDR-C300U8G26 | C300 Series DDR4 2666 4 GB Memory Module for Desktops |
| | DHI-DDR-C300U8G26 | C300 Series DDR4 2666 8 GB Memory Module for Desktops |
| | DHI-DDR-C300U16G26 | C300 Series DDR4 2666 16 GB Memory Module for Desktops |
| | DHI-DDR-C300U32G26 | C300 Series DDR4 2666 32 GB Memory Module for Desktops |
| | DHI-DDR-C300U8G32 | C300 Series DDR4 3200 4 GB Memory Module for Desktops |

| Portable Solid State Drive | DHI-DDR-C300U8G32 | C300 Series DDR4 3200 8 GB Memory Module for Desktops |
|---|---|---|
| | DHI-DDR-C300U16G32 | C300 Series DDR4 3200 16 GB Memory Module for Desktops |
| | DHI-DDR-C300U32G32 | C300 Series DDR4 3200 32 GB Memory Module for Desktops |

## Dimensions

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## Documents / Resources



**dahua C300 Series Memory Modules** [pdf] Instructions
DHI-DDR-C300S4G26, DHI-DDR-C300S8G26, DHI-DDR-C300S16G26, DHI-DDR-C300S32G26, C300 Series Memory Modules, C300 Series, Memory Modules, Modules

## References

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- **User Manual**