

# DHI-DDR-C600

## Memory Module With Heatsink



### System Overview

The C600 series Memory Module with Heatsink performs outstandingly with its high-speed transmission and support of Intel XMP 2.0 one-click overclocking. It is designed with an elegant RGB metal heatsink, which helps ensure the speed does not drop. It is also highly stable as it underwent compatibility tests with major brands of motherboards, allowing it to perform smoothly on various platforms.

### Functions

#### Intel XMP 2.0 One-click Overclocking

With its outstanding performance, it offers high-speed transmission and instantly speeds up the device for you to enjoy a pleasant experience.

#### High-quality Particles

Highly stable, it contains high-quality particles that underwent compatibility tests with major brands of motherboards, allowing it to perform smoothly on various platforms.

#### Metal Heat Sink

Built with an elegant RGB metal heatsink, it has strong heat dissipation that helps ensure the speed does not drop.

#### Various Capacities

It comes in different capacities to meet your personal needs.

#### Lifetime Warranty

Provides warranty services and free technical support during the product's service life.

### Scene

The memory module can be installed in desktops, laptops and similar devices to enhance their performance. It can also help the computer perform multiple tasks at the same time.

- Supports high-speed transmission and Intel XMP 2.0 one-click overclocking.
- High-quality wafers that perform outstandingly.
- Built with an elegant RGB metal heatsink that offers a smooth experience.
- Available in different capacity.
- Reliable quality and lifetime warranty.

### Technical Specification

#### Technical

| Product Model         | DHI-DDR-C600 UHD8G32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DHI-DDR-C600 UHW8G32 | DHI-DDR-C600 UHD8G36 | DHI-DDR-C600 UHW8G36 |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|
| Capacity              | 8 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8 GB                 | 8 GB                 | 8 GB                 |
| Type                  | UDIMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                      |                      |
| Applicable            | DDR4 Desktop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                      |                      |
| Product Type          | Memory Module with Heatsink                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                      |                      |
| Voltage               | 1.2V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      | 1.35V                |                      |
| CAS Latency           | CL22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      | CL18                 |                      |
| Frequency             | 3200 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      | 3600 MHz             |                      |
| Color                 | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | White                | Black                | White                |
| 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% (RH), non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                      |                      |
| Warranty              | Lifetime                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                      |                      |
| Product Dimensions    | 136.1 mm × 46.9 mm × 7.6 mm (5.36" × 1.85" × 0.30") (L × W × H)①                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                      |                      |
| Packaging Dimensions  | 176.6mm × 78.9 mm × 9.5 mm (6.95" × 3.11" × 0.37") (L × W × H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                      |                      |
| Net Weight            | 65 g (0.14 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                      |                      |
| Gross Weight          | 87 g (0.19 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                      |                      |
| Reference Information | ① The thickness is calculated at the thickest point.<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>2. The same capacity products, there may be different number of chip combinations, which will be shipped randomly according to the inventory.<br>3. For memory modules of the same generation, the operating frequency is backward compatible. For example, the frequency of DDR4 includes 2666 MHz, 3200 MHz, 3600 MHz and more. The memory module with the frequency of 3600 MHz can be used in motherboards supporting 3200 MHz or 2666 MHz with lower frequency. |                      |                      |                      |

Technical Specification

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                       |                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|
| Technical             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                       |                       |
| Product Model         | DHI-DDR-C600 UHD16G32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DHI-DDR-C600 UHW16G32 | DHI-DDR-C600 UHD16G36 | DHI-DDR-C600 UHW16G36 |
| Capacity              | 16 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16 GB                 | 16 GB                 | 16 GB                 |
| Type                  | UDIMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                       |                       |
| Applicable            | DDR4 Desktop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                       |                       |
| Product Type          | Memory Module with Heatsink                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                       |                       |
| Voltage               | 1.2V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       | 1.35V                 |                       |
| CAS Latency           | CL22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       | CL18                  |                       |
| Frequency             | 3200 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       | 3600 MHz              |                       |
| Color                 | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | White                 | Black                 | White                 |
| 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% (RH), non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                       |                       |
| Warranty              | Lifetime                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                       |                       |
| Product Dimensions    | 136.1 mm × 46.9 mm × 7.6 mm (5.36" × 1.85" × 0.30") (L × W × H) <sup>①</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                       |                       |
| Packaging Dimensions  | 176.6mm × 78.9 mm × 9.5 mm (6.95" × 3.11" × 0.37") (L × W × H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                       |                       |
| Net Weight            | 65 g (0.14 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                       |                       |
| Gross Weight          | 87 g (0.19 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                       |                       |
| Reference Information | <p>① The thickness is calculated at the thickest point.</p> <p>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.</p> <p>2. The same capacity products, there may be different number of chip combinations, which will be shipped randomly according to the inventory.</p> <p>3. For memory modules of the same generation, the operating frequency is backward compatible. For example, the frequency of DDR4 includes 2666 MHz, 3200 MHz, 3600 MHz and more. The memory module with the frequency of 3600 MHz can be used in motherboards supporting 3200 MHz or 2666 MHz with lower frequency.</p> |                       |                       |                       |

Technical Specification

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                        |                        |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|------------------------|
| Technical             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                        |                        |
| Product Model         | DHI-DDR-C600 URG16G36D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DHI-DDR-C600 URW16G36D | DHI-DDR-C600 URG32G36D | DHI-DDR-C600 URW32G36D |
| Capacity              | 8 GB * 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8 GB * 2               | 16 GB * 2              | 16 GB * 2              |
| Type                  | UDIMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                        |                        |
| Applicable            | DDR4 Desktop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                        |                        |
| Product Type          | RGB Memory Module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                        |                        |
| Voltage               | 1.35V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        | 1.35V                  |                        |
| CAS Latency           | CL18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        | CL18                   |                        |
| Frequency             | 3600 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        | 3600 MHz               |                        |
| Color                 | Gray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | White                  | Gray                   | White                  |
| 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% (RH), non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                        |                        |
| Warranty              | Lifetime                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                        |                        |
| Product Dimensions    | 136.1 mm × 46.9 mm × 7.6 mm (5.36" × 1.85" × 0.30") (L × W × H) <sup>①</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                        |                        |
| Packaging Dimensions  | 176.6mm × 78.9 mm × 9.5 mm (6.95" × 3.11" × 0.37") (L × W × H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                        |                        |
| Net Weight            | 65 g × 2 (0.14 lb × 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                        |                        |
| Gross Weight          | 169.5 g (0.37 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                        |                        |
| Reference Information | <p>① The thickness is calculated at the thickest point.</p> <p>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.</p> <p>2. The same capacity products, there may be different number of chip combinations, which will be shipped randomly according to the inventory.</p> <p>3. For memory modules of the same generation, the operating frequency is backward compatible. For example, the frequency of DDR4 includes 2666 MHz, 3200 MHz, 3600 MHz and more. The memory module with the frequency of 3600 MHz can be used in motherboards supporting 3200 MHz or 2666 MHz with lower frequency.</p> |                        |                        |                        |

| Ordering Information |                       |                                                                          |
|----------------------|-----------------------|--------------------------------------------------------------------------|
| Type                 | Model                 | Description                                                              |
| C600 SERIES          | DHI-DDR-C600UHD8G32   | C600 Series DDR4 3200 8 GB Memory Module for Desktops-Dark               |
|                      | DHI-DDR-C600UHW8G32   | C600 Series DDR4 3200 8 GB Memory Module for Desktops-White              |
|                      | DHI-DDR-C600UHD8G36   | C600 Series DDR4 3600 8 GB Memory Module for Desktops-Dark               |
|                      | DHI-DDR-C600UHW8G36   | C600 Series DDR4 3600 8 GB Memory Module for Desktops-White              |
|                      | DHI-DDR-C600UHD16G32  | C600 Series DDR4 3200 16 GB Memory Module for Desktops-Dark              |
|                      | DHI-DDR-C600UHW16G32  | C600 Series DDR4 3200 16 GB Memory Module for Desktops-White             |
|                      | DHI-DDR-C600UHD16G36  | C600 Series DDR4 3600 16 GB Memory Module for Desktops-Dark              |
|                      | DHI-DDR-C600UHW16G36  | C600 Series DDR4 3600 16 GB Memory Module for Desktops-White             |
|                      | DHI-DDR-C600URG16G36D | C600 Series DDR4 3600 8 GB * 2 RGB Memory Module Kit for Desktops-Gray   |
|                      | DHI-DDR-C600URW16G36D | C600 Series DDR4 3600 8 GB * 2 RGB Memory Module Kit for Desktops-White  |
|                      | DHI-DDR-C600URG32G36D | C600 Series DDR4 3600 16 GB * 2 RGB Memory Module Kit for Desktops-Gray  |
|                      | DHI-DDR-C600URW32G36D | C600 Series DDR4 3600 16 GB * 2 RGB Memory Module Kit for Desktops-White |

