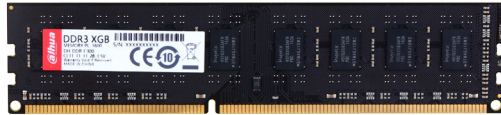


# DHI-DDR-C160

## Memory Module



- Uses featured DRAM chip to provide great performance and high-speed data transmission.
- Reliable quality and lifetime warranty.
- Highly compatible; supports mainstream platforms such as Intel and AMD; plug-and-play.

### System Overview

The C160 series memory modules are DDR3 DRAM products with SO-DIMM and UDIMM models. With operating frequency of 1600 MHz, they not only provide faster data exchange speed, but also greatly improve the overall performance of the system.

### Functions

#### Featured DRAM Chip and Great Performance

Uses high-quality DRAM chip 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 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 C160 series is designed to meet the needs of consumers for PC memory replacement and device upgrade. The operating frequency is as high as 1600 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

#### Technical

Product Model	DHI-DDR-C160U4G16	DHI-DDR-C160U8G16	DHI-DDR-C160S4G16	DHI-DDR-C160S8G16
Capacity	4 GB	8 GB	4 GB	8 GB
Type	UDIMM	UDIMM	SODIMM	SODIMM
Applicable Model	DDR3 Desktop	DDR3 Desktop	DDR3 Laptop	DDR3 Laptop
Voltage	1.5 V	1.5 V	1.35 V	1.35 V
CAS Latency	CL11	CL11	CL11	CL11
Operating Frequency	1600 MHz	1600 MHz	1600 MHz	1600 MHz
Number of Pins	240	240	204	204
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	133.35 mm × 30.0 mm × 4.0 mm (5.25" × 1.18" × 0.16") <sup>①</sup>		67.6 mm × 30.0 mm × 3.8 mm (2.66" × 1.18" × 0.15") <sup>①</sup>	
Packaging Dimensions	165 mm × 51 mm × 16.5 mm (6.50" × 2.01" × 0.65")			
Net Weight	16 g (0.04 lb)	16 g (0.04 lb)	8 g (0.02 lb)	8 g (0.02 lb)
Gross Weight	45 g (0.10 lb)	45 g (0.10 lb)	36 g (0.08 lb)	36 g (0.08 lb)

#### Reference Information

Note: <sup>①</sup>The thickness is calculated at the thickest point.

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.
2. For products with the same capacity, there are 8 chips and 16 chips, which will be shipped randomly according to the inventory.
3. For memory modules of the same generation, the operating frequency is backward compatible. For example, the frequency of DDR3 includes 1600, 1333, 1066 and more. The memory module with the frequency of 1600 can be used in motherboards supporting 1333 or 1066 with lower frequency.

**Ordering Information**

Type	Model	Description
C160 SERIES	DHI-DDR-C160U4G16	C160 Series DDR3 1600 4 GB Memory Module for Desktops
	DHI-DDR-C160U8G16	C160 Series DDR3 1600 8 GB Memory Module for Desktops
	DHI-DDR-C160S4G16	C160 Series DDR3 1600 4 GB Memory Module for Laptops
	DHI-DDR-C160S8G16	C160 Series DDR3 1600 8 GB Memory Module for Laptops

**Dimensions (mm[inch])**

