

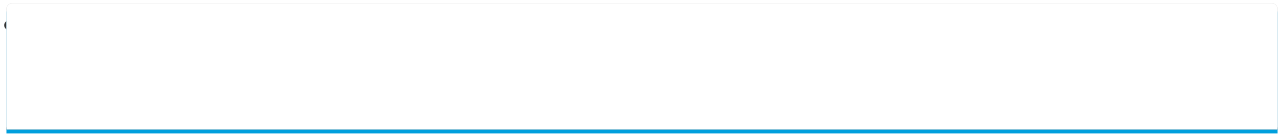


# System Memory - Asus TUF H310M-PLUS GAMING R2.0 Manual



1
2
Table Of Contents
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

18  
19  
20  
21  
22  
23  
24  
25  
26  
27



•

•

## Bookmarks







## System memory

### Overview

This motherboard comes with two Double Data Rate 4 (DDR4) Dual Inline Memory Module

(DIMM) sockets. A DDR4 module is notched differently from a DDR, DDR2, or DDR3 module.

DO NOT install a DDR, DDR2, or DDR3 memory module to the DDR4 slot.

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DIMM\_A1\*

DIMM\_B1\*

You may install varying memory sizes in Channel A and Channel B. The system maps the total size of the lower-sized channel for the dual-channel configuration. Any excess memory from the higher-sized channel is then mapped for single-channel operation.

Always install DIMMs with the same CAS latency. For optimal compatibility, we recommend that you install memory modules of the same version or date code (D/C) from the same vendor. Check with the retailer to get the correct memory modules. DDR4 2666MHz and higher memory modules will run at max. 2666MHz on Intel Gen 6-core or higher processors.

Memory modules with memory frequency higher than 2133 MHz and its corresponding timing or the loaded XMP profile is not the JEDEC memory standard. The stability and compatibility of these memory modules depend on the CPU's capabilities and other installed devices.

The default memory operation frequency is dependent on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module.

Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.

For system stability, use a more efficient memory cooling system to support a full memory load (2 DIMMs).

Refer to [www.asus.com](http://www.asus.com) for the latest Memory QVL (Qualified Vendors List)

Channel A

DIMM\_A1\*

Channel B

DIMM\_B1\*

Chapter 1: Product introduction

8

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[Previous Page](#)  
[Next Page](#)

1  
...  
13  
14  
15  
16  
17  
18  
19  
20

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[Motherboard Overview](#)

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(2 pages)

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[Z13PE-D16 System Memory](#)

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[Pro A620M-C-CSM System Memory](#)

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Asus PRIME H310M-A R1.0

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Asus H110M-P/DVI