

System Memory - Asus PRIME H770-PLUS D4 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
28
29
30
31
32
33
34
35
36
37
38

| |
|--|
| |
|--|

•

[Table of Contents](#)

•

Bookmarks



1.4

System memory

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

(DIMM) sockets. The figure illustrates the location of the DDR4 DIMM sockets:

A DDR4 memory 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.

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.

• You may install 4 GB, 8 GB, 16 GB, and 32 GB unbuffered and non-ECC DDR4 DIMMs into the DIMM sockets.

• 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.

• 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.

• Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists), and memory frequency support depends on the CPU types.

Recommended memory configurations

DIMM_A2

PRIME H770-PLUS D4

DIMM_B1

DIMM_B2

Channel A

DIMM_A1

Channel B

DIMM_A2

DIMM_B2

DIMM_A2

DIMM_A1 & DIMM_A2

DIMM_B1 & DIMM_B2

DIMM_B1

DIMM_B2

DIMM_A1

DIMM_A2

1-11

[Table of Contents](#)

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

1
...
18
19
20
21
22
23
24
25

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[Prime H770-Plus D4 Specifications Summary](#)

[Motherboard Overview](#)

[Installation](#)

Related Manuals for Asus PRIME H770-PLUS D4

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(2 pages)

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(46 pages)

[Motherboard Asus TUF GAMING H770-PRO WIFI Quick Start Manual](#)

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Asus ROG RAMPAGE V EDITION 10

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Asus Q170A-IM-A

[Z13PE-D16 System Memory](#)

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[WS X299 SAGE System Memory](#)

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

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[PRIME H310M-A R1.0 System Memory](#)

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[TUF GAMING B650-E WIFI System Memory](#)

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[H110M-P/DVI System Memory](#)

Asus H110M-P/DVI