

System Memory - Asus TUF GAMING H770-PRO WIFI Manual

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Bookmarks



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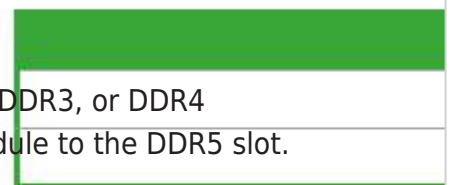
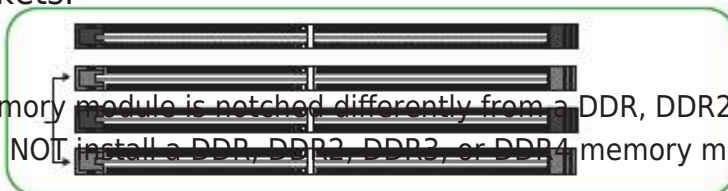
System memory

This motherboard comes with four Dual Inline Memory Modules (DIMM) slots designed for DDR5 (Double Data Rate 5) memory modules. The figure illustrates the location of the DDR5 DIMM sockets:

DIMM sockets:

1st

A DDR5 memory module is notched differently from a DDR, DDR2, DDR3, or DDR4 module. DO NOT install a DDR, DDR2, DDR3, or DDR4 memory module to the DDR5 slot.

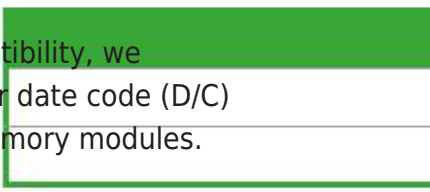
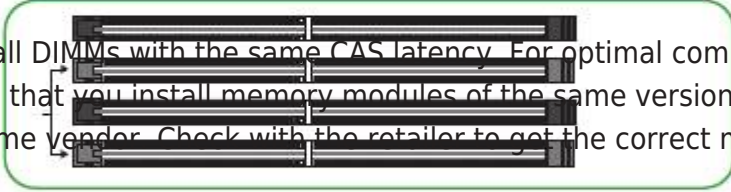


You may install varying memory sizes in Channel A and Channel B. The system maps the total size of the lower-sized channel for the dual-channel configuration. Any excess memory from the higher-sized channel is then mapped for single-channel operation.

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

TUF GAMING H770-PRO WIFI

DIMM_A1



DIMM_A2

Channel A

DIMM_B1

DIMM_B2

Channel B



DIMM_A2

DIMM_B2

DIMM_A1 & DIMM_A2

DIMM_B1 & DIMM_B2

DIMM_A1

DIMM_A2

DIMM_B1

DIMM_B2

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