

System Memory - Asus Prime H610M-R D4 Manual

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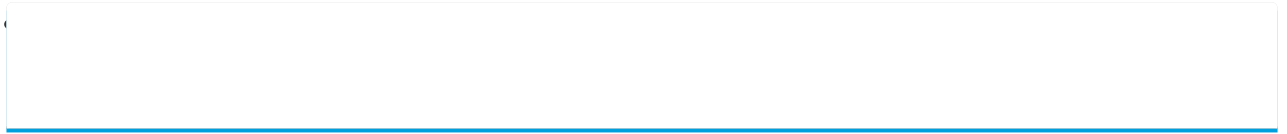
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Bookmarks



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System memory

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

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

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

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.

• 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.~~

• Actual memory data rate depends on the CPU types and DRAM modules, for more information refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).

Recommended memory configurations

DIMM_A1

ASUS PRIME H610M-R D4

DIMM_A1

Channel A

DIMM_B1

Channel B

DIMM_B1

DIMM_A1

DIMM_B1

DIMM_A1

DIMM_B1

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