

Package Contents; Prime H610M-R
Specifications Summary - Asus
PRIME H610M-R 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

--

•

[Table of Contents](#)

•

Bookmarks



Package contents

Check your motherboard package for the following items.

Motherboard

Cables

Miscellaneous

Documentation

If any of the above items is damaged or missing, contact your retailer.

PRIME H610M-R specifications summary



vi

- 1 x PRIME H610M-R motherboard
- 2 x SATA 6Gb/s cables
- 1 x I/O Shield
- 1 x M.2 Anchor
- 1 x User guide

Intel

Socket LGA1700 for 13

®

Pentium
Gold and Celeron



®

Supports up to Intel
65W CPU

®

Supports Intel
Turbo Boost Technology 2.0 and Intel

®

Technology 3.0**

* Refer to www.asus.com for CPU support list.

** Intel

Turbo Boost Max Technology 3.0 support depends on the CPU types.

®

Intel

H610 Chipset

®

2 x DIMM, Max. 96GB, DDR5 Non-ECC, Un-buffered Memory*

Dual Channel Memory Architecture

Supports Intel

Extreme Memory Profile (XMP)

®

* Supported memory types, data rate (speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information please refer to CPU/Memory Support list under the Support tab of product information site or visit <https://www.asus.com/support/>.

* Non-ECC, un-buffered DDR5 memory supports On-Die ECC function.

1 x DisplayPort**

1 x VGA port

1 x HDMI™ port***

* Graphics specifications may vary between CPU types. Please refer to www.intel.com for any updates.

** Supports max. 4K@60Hz as specified in DisplayPort 1.4.

***Supports 4K@60Hz as specified in HDMI™ 2.1.

Intel

13

& 12

Gen Processors

®

th

th

1 x PCIe 4.0 x16 slot

Intel

H610 Chipset

®

1 x PCIe 3.0 x1 slot

Note: To ensure compatibility of the device installed, please refer to <https://www.asus.com/support/> for the list of supported peripherals.

Total supports 1 x M.2 slot and 4 x SATA 6Gb/s ports

Intel

H610 Chipset

®

M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 mode)

4 x SATA 6Gb/s ports

1 x Realtek 1Gb Ethernet

(continued on the next page)

Gen Intel

Core™ & 12

th

®

Processors*

®

Gen Intel

Core™ ,

th

®

Turbo Boost Max

®

[Table of Contents](#)

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

1
...
3
4
5
6
7
8
9
10

Related Manuals for Asus PRIME H610M-R

[Motherboard Asus PRIME H610M-R Quick Start Manual](#)

(2 pages)

[Motherboard Asus Prime H610M-R D4 Manual](#)

(30 pages)

[Motherboard Asus PRIME H610M-E D4 Manual](#)

(34 pages)

[Motherboard Asus PRIME H610M-K D4 Manual](#)

(32 pages)

[Motherboard Asus PRIME H610M-K D4 ARGB Quick Start Manual](#)

(20 pages)

[Motherboard Asus PRIME H610M-A D4 Manual](#)

(34 pages)

[Motherboard Asus PRIME H610M-D D4 Manual](#)

(32 pages)

[Motherboard Asus Pro H610M-CT D4 Manual](#)

(32 pages)

[Motherboard Asus PRIME H610M2 FPT Manual](#)

(32 pages)

[Motherboard Asus PRIME H610M-CS D4 Manual](#)

(30 pages)

[Motherboard Asus PRIME H610M-A WIFI D4 Manual](#)

(36 pages)

[Motherboard Asus H610M-IM-A Manual](#)

Industrial motherboard (53 pages)

[Motherboard Asus PRIME H610M-D Instruction Manual](#)

(31 pages)

[Motherboard Asus PRIME H610M-K ARGB Manual](#)

(31 pages)

[Motherboard Asus PRIME H610M-C/PS D4 Manual](#)

(62 pages)

[Motherboard Asus PRIME H610M-E Manual](#)

(33 pages)

Related Content for Asus PRIME H610M-R

[Pro Q670M-CE D4 Package Contents](#)

Asus Pro Q670M-CE D4

[PRIME B760M-F D4 Package Contents](#)

Asus PRIME B760M-F D4

[PRIME A620-PLUS WIFI6 Package Contents](#)

Asus PRIME A620-PLUS WIFI6

[Z790 GAMING WIFI7 Package Contents](#)

Asus Z790 GAMING WIFI7

[PRIME X299-A Series Package Contents](#)

Asus PRIME X299-A Series

[A620M-AYW WIFI Package Contents](#)

Asus A620M-AYW WIFI

[PRIME H610T2-CSM D4 Package Contents](#)

Asus PRIME H610T2-CSM D4

[ROG RAMPAGE V EDITION 10 Package Contents](#)

Asus ROG RAMPAGE V EDITION 10