



Package Contents; Prime H610M-R  
D4 Specifications Summary - Asus  
Prime H610M-R D4 Manual



1

2

Table Of Contents

3

4

5

6

7

8

9

10

11

12

13

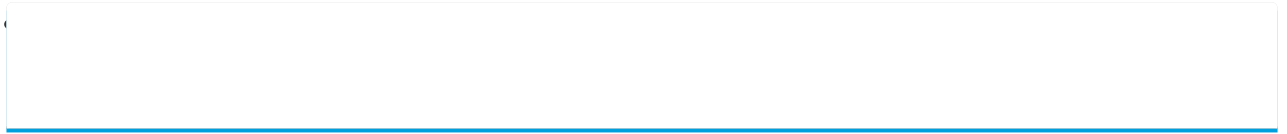
14

15

16

17

18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30



•

•

## Bookmarks







## Package contents

Check your motherboard package for the following items.

Motherboard

Cables

Miscellaneous

Installation Media

Documentation

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

## PRIME H610M-R D4 specifications summary

vi

- 1 x PRIME H610M-R D4 motherboard
- 2 x SATA 6Gb/s cables
- 1 x I/O Shield
- 1 x M.2 Anchor
- 1 x Support DVD
- 1 x User guide

## Intel

Socket LGA1700 for 12

®

Celeron  
Processors\*

®

Supports up to Intel  
65W CPU

®

Supports Intel  
Turbo Boost Technology 2.0 and Intel

®

Technology 3.0\*\*

\* Refer to [www.asus.com](http://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. 64GB, DDR4 3200/3000/2933/2800/2666/2400/2133 Non-  
ECC, Un-buffered Memory\*

Dual Channel Memory Architecture

Supports Intel

Extreme Memory Profile (XMP)

®

\* Actual memory data rate depends on the CPU types and DRAM modules, for  
more information refer to [www.asus.com](http://www.asus.com) for memory support list.

1 x D-Sub port

1 x DVI-D port

1 x HDMI

port\*\*

®

\* Graphics specifications may vary between CPU types. Please refer to [www.intel.com](http://www.intel.com) for any updates.

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

Intel

12

Gen Processors

®

th

1 x PCIe 4.0 x16 slot

Intel

H610 Chipset

®

1 x PCIe 3.0 x1 slot

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™, Pentium

th

®

Gold and

®

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 D4

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

(32 pages)

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

(2 pages)

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

(34 pages)

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

(32 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 H610M-F D4 Manual](#)

(30 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 D4

[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