

Package Contents; Prime H510M-A
Specifications Summary - Asus Prime
H510M User Manual

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Bookmarks



Package contents

Check your motherboard package for the following items.

Motherboard

Cables

Miscellaneous

Application DVD

Documentation

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

PRIME H510M-A specifications summary

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- 1 x PRIME-H510M-A motherboard
- 2 x SATA 6Gb/s cables
- 1 x I/O Shield
- 1 x M.2 Rubber package
- 1 x M.2 SSD screw package
- 1 x Support DVD
- 1 x User manual

Intel

Socket LGA1200 for 11

®

Intel

Core™, Pentium



®

®

Supports Intel

14 nm 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

H510 Chipset

®

2 x DIMM, Max. 64GB, DDR4 3200(OC)/2933/2800/2666/2400/2133 MHz

Non-ECC, Un-buffered Memory*

Dual Channel Memory Architecture

Supports Intel

Extreme Memory Profile (XMP)

®

* 10

Gen Intel

Core™ i7/i9 processors support 2933/2800/2666/2400/2133 natively,

th

®

others will run at the maximum transfer rate of DDR4 2666MHz.

* 11

Gen Intel

processors support 2933/2800/2666/2400/2133 natively.

th
®

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

1 x DisplayPort 1.4**

1 x D-Sub

1 x HDMI™ 2.0***

* Graphics specifications may vary between CPU types.

** Intel

11

& 10

Gen processors support DisplayPort 1.4 with max. resolution of

®
th
th

4096 x 2304 @60Hz. Please refer to www.intel.com for any updates.

*** Only Intel

11

Gen processors support HDMI™ 2.0 with max. resolution of

®
th

4K@60Hz, others will only support HDMI™ 1.4 with max. resolution of 4K@30Hz.

Please refer to www.intel.com for any updates.

Intel

11

& 10

Gen Processors

®
th
th

1 x PCIe 4.0/3.0 x16 slot

- Intel

11

Gen processors support PCIe 4.0 x16

®
th

- Intel

10

Gen processors support PCIe 3.0 x16

®
th

Intel

H510 Chipset

®

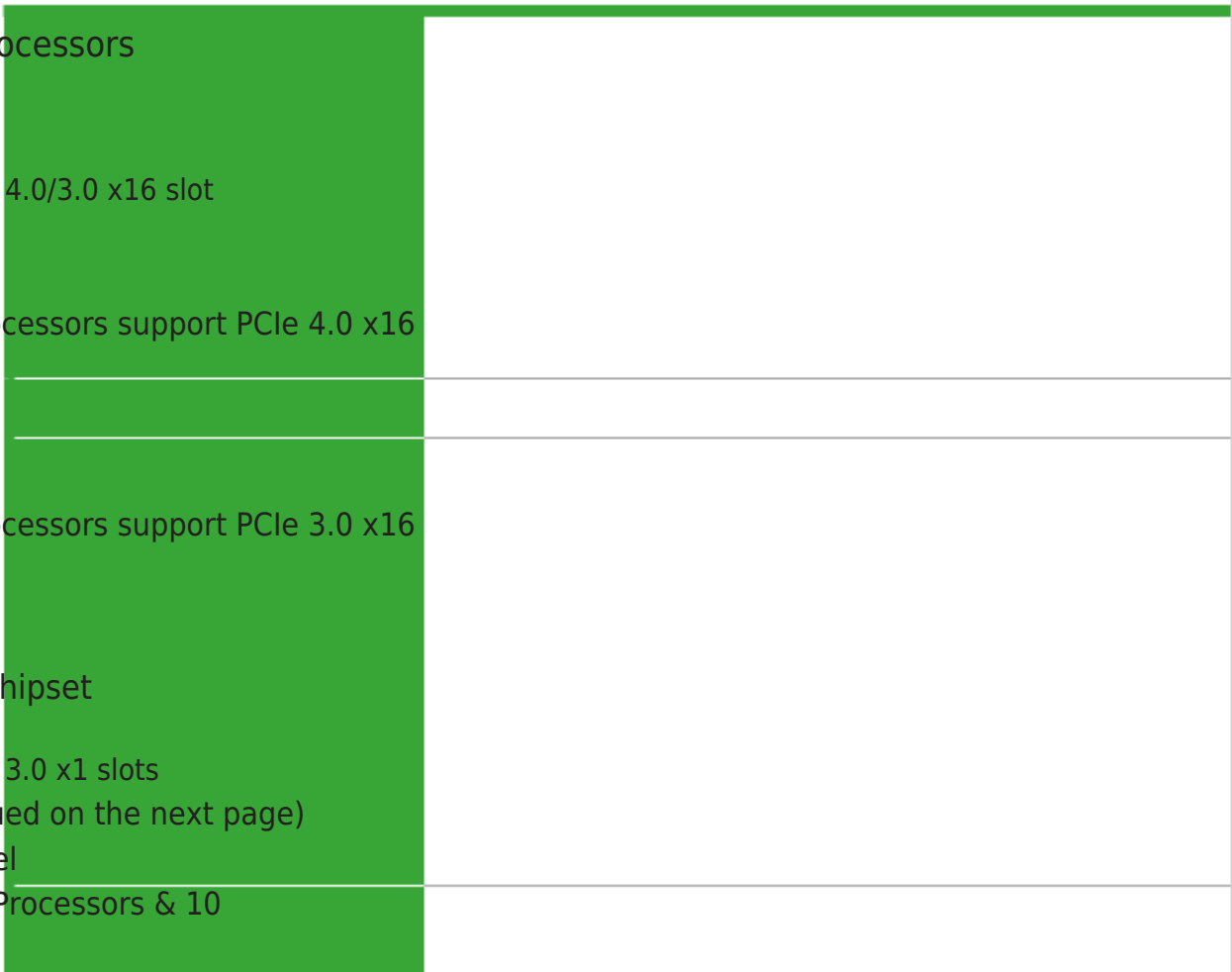
2 x PCIe 3.0 x1 slots

(continued on the next page)

Gen Intel

Core™ Processors & 10

th



®
Gold and Celeron
Processors*

®
Gen
th
Turbo Boost Max

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[Installation](#)

[Knowing Bios](#)

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[Motherboard Asus Prime H510M-A Manual](#)

(34 pages)

[Motherboard Asus PRIME H510M-A Quick Start Manual](#)

(2 pages)

[Motherboard Asus PRIME H510M-A WIFI Quick Start Manual](#)

(2 pages)

[Motherboard Asus PRIME H570M-PLUS Manual](#)

(36 pages)

[Motherboard Asus PRIME H510M-E Manual](#)

(32 pages)

[Motherboard Asus PRIME H510M-E Quick Start Manual](#)

(2 pages)

[Motherboard Asus PRIME H510M-R Manual](#)

(30 pages)

[Motherboard Asus PRIME H510M-F Quick Start Manual](#)

(2 pages)

[Motherboard Asus PRIME H510TS Manual](#)

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[Motherboard Asus PRIME H510M-A R2.0 Quick Start Manual](#)

(2 pages)

[Motherboard Asus PRIME H510M-A R2.0 Manual](#)

(34 pages)

[Motherboard Asus PRIME H510T2-CSM R2.0 Manual](#)

(30 pages)

[Motherboard Asus H81M-K User Manual](#)

H81m-k user's manual (48 pages)

[Motherboard Asus H310M-IM-A Manual](#)

(66 pages)

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

(32 pages)

[Motherboard Asus PRIME H610I-PLUS Manual](#)

(33 pages)

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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

This manual is also suitable for:

Prime h510m-a