

PRIME H510T2/CSM_One Page Spec

Note: The specifications are subject to change without notice.

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|--------------------------------|---|
| CPU | <p>Intel® Socket LGA1200 for 11th Gen Intel® Core™ Processors & 10th Gen Intel® Core™, Pentium® Gold and Celeron® Processors*</p> <p>Supports Intel® 14 nm CPU*</p> <p>Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0**</p> <p>*CPU only support up to 65W</p> <p>**Refer to www.asus.com for CPU support list.</p> <p>***Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.</p> |
| Chipset | Intel® H510 Chipset |
| Memory | <p>2 x SO-DIMM, Max. 64GB, DDR4 3200(OC)/2933/2800/2666/2400/2133 MHz Non-ECC, Un-buffered Memory*</p> <p>Dual channel memory architecture</p> <p>Supports Intel® Extreme Memory Profile (XMP)</p> <p>* For 10th Gen Intel® processors, only Core™ i9/i7 CPUs support 2933/2800/2666/2400/2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz.</p> <p>** 11th Gen Intel® processors support 2933/2800/2666/2400/2133 natively.</p> <p>*Refer to www.asus.com for the Memory QVL(Qualified Vendors List).</p> |
| Graphics | <p>2 x D-Sub(1 x port ; 1 x header)*</p> <p>3 x HDMI™ 2.0 (2 x ports ; 1 x header)**</p> <p>1 x LVDS header</p> <p>*Only VGA2 (header) can be used when you connect VGA1 and VGA2 to devices simultaneously.</p> <p>**Only HDMI2(port) can be used when you connect HDMI2 and HDMI3 to devices simultaneously.</p> <p>***HDMI3 only supports HDMI 1.4</p> <p>****Only Intel® 11th Gen processors support HDMI™ 2.0 with max. resolution of 4K@60Hz, others will only support HDMI™ 1.4 with max. resolution of 4K@30Hz. Please refer to www.intel.com for any updates.</p> <p>*****Graphics specifications may vary between CPU types.</p> |
| Storage | <p>Total supports 1 x M.2 slot and 1 x SATA 6Gb/s port</p> <p>Intel® H510 Chipset</p> <p>- 1 x SATA 6.0 Gb/s port</p> <p>- 1 x M.2 slot (Key M), type 2260/2280 (supports PCIe 4.0 x4 & SATA modes)</p> |
| Ethernet | <p>1 x Realtek RTL8111H 1Gb Ethernet</p> <p>ASUS LANGuard</p> |
| USB | <p>Rear USB (Total 4 ports)</p> <p>2 x USB 3.2 Gen 1 ports (2 x Type-A)</p> <p>2 x USB 2.0 ports (2 x Type-A)</p> <p>Front USB (Total 6 ports)</p> <p>1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports</p> <p>2 x USB 2.0 header supports additional 4 USB 2.0 ports</p> |
| Audio | <p>Realtek ALC897 7.1 Surround Sound High Definition Audio CODEC*</p> <p>- Supports: Jack-detection, Multi-Recording, Front Panel Jack-retasking</p> <p>- Supports up to 24-Bit/192 kHz playback</p> <p>*A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.</p> |
| Back Panel I/O Ports | <p>2 x USB 3.2 Gen 1 ports (2 x Type-A)</p> <p>2 x USB 2.0 ports (2 x Type-A)</p> <p>1 x D-Sub port</p> <p>1 x HDMI™ port</p> <p>1 x Realtek RTL8111H 1Gb Ethernet port</p> <p>2 x Audio jacks</p> <p>1 x DC Power Connector (Support 19V)</p> |
| Internal I/O Connectors | <p>Fan and Cooling related</p> <p>1 x 4-pin CPU Fan header</p> <p>Power related</p> <p>1 x 4-pin +19V Power connector</p> <p>1 x SATA power connector</p> <p>Storage related</p> <p>1 x M.2 slot (Key M)</p> <p>1 x SATA 6Gb/s ports</p> <p>USB</p> <p>1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports</p> <p>2 x USB 2.0 header supports additional 4 USB 2.0 ports</p> <p>AIO System related</p> <p>1 x 2-pin internal DC power connector</p> <p>1 x Stereo speaker connector</p> <p>1 x DMIC header</p> <p>Flat panel display related</p> <p>1 x Backlight inverter voltage selection header</p> <p>1 x FPD brightness header</p> <p>1 x Panel voltage selection header</p> <p>1 x Panel off header</p> <p>Miscellaneous</p> <p>1 x Clear CMOS header</p> <p>1 x Chassis Intrude header</p> <p>1 x COM Port header</p> <p>1 x COM debug header</p> <p>1 x Front Panel Audio header (AAFP)</p> <p>1 x HDMI header</p> <p>1 x LVDS header</p> <p>1 x HDMI Port</p> <p>1 x M.2 slot (Key E)</p> <p>1 x Speaker header</p> <p>1 x SPI TPM header (14-1pin)</p> <p>1 x VGA header</p> <p>1 x 10-1 pin System Panel header</p> |
| BIOS | 128 Mb Flash ROM, UEFI AMI BIOS |
| Manageability | WOL by PME |
| Accessories | User manual |
| Operating System | Windows 10 (64-bit) |
| Form Factor | Thin Mini-ITX Form Factor |
| | 6.7" x 6.7" (17.0cm x 17.0cm) |