



Płyta główna Asus PRIME H510M-K s1200 2DDR4 USB3.2

Cena brutto	369,00 zł
Cena netto	300,00 zł
Dostępność	Zapytaj o dostępność
Numer katalogowy	35242890
Kod producenta	PRIME H510M-K
Kod EAN	4711081152132

Opis produktu

Płyta główna ASUS PRIME H510M-K

GALERIA

SPECYFIKACJA

Procesor

- Intel® Socket LGA1200 for 11th Gen Intel® Core™ Processors & 10th Gen Intel® Core™, Pentium® Gold and Celeron® Processors
- Supports Intel® 14 nm CPU
- Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0**
- * Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.

Chipset

- Intel® H510 Chipset

Pamięć

- DDR4 3200(OC)/2933/2800/2666/2400/2133 MHz Non-ECC, Un-buffered Memory*
- Dual Channel Memory Architecture
- Supports Intel® Extreme Memory Profile (XMP)
- * 10th Gen Intel® Core™ i7/i9 processors support 2933/2800/2666/2400/2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz.
- * 11th Gen Intel® processors support 2933/2800/2666/2400/2133 natively.
- * Refer to ASUS for the Memory QVL (Qualified Vendors Lists), and memory frequency support depends on the CPU types.

Grafika

- 1 x D-Sub
- 1 x HDMI 2.0™ 2.0**
- * Graphics specifications may vary between CPU types.
- ** 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 INTEL for any updates.

Gniazda rozszerzeń

- Intel® 11th & 10th Gen Processors
- 1 x PCIe 4.0/3.0 x16 slot
- - Intel® 11th Gen processors support PCIe 4.0 x16
- - Intel® 10th Gen processors support PCIe 3.0 x16
- Intel® H510 Chipset
- 1 x PCIe 3.0 x1 slot

Magazyn danych

- Supports 1 x M.2 slot and 4 x SATA 6Gb/s ports
- Intel® H510 Chipset
- M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes)
- 4 x SATA 6Gb/s ports
- * The M.2 slot shares bandwidth with the SATA6G_2 port. When a device in SATA mode is installed on the M.2 slot, the SATA6G_2 port cannot be used.

Sieć LAN

- ASUS LANGuard

Dźwięk

- ALC887/897
- Realtek ALC897/887 7.1 Surround Sound High Definition Audio CODEC*
- - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking
- - Supports up to 24-Bit/192 kHz playback"
- Audio Features
- - Audio Shielding
- - Dedicated audio PCB layers
- * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.

Porty USB

- Rear USB: Total 6 ports
- 2 x USB 3.2 Gen 1 ports (2 x Type-A)
- 4 x USB 2.0 ports (4 x Type-A)
- Front USB: Total 4 ports
- 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
- 1 x USB 2.0 header supports additional 2 USB 2.0 ports

Funkcje specjalne

- ASUS 5X PROTECTION III
- - DIGI+ VRM
- - LANGuard
- - Overvoltage Protection

- - SafeSlot Core
- - Stainless-Steel Back I/O
- ASUS Q-Design
- - Q-DIMM
- - Q-Slot
- ASUS Thermal Solution
- - Aluminum heatsink design
- ASUS Lighting Control
- - RGB header
- ASUS Exclusive Software
- Armoury Crate
- AI Suite 3
- - Performance And Power Saving Utility
- TurboV EVO
- EPU
- DIGI+ VRM
- Fan Xpert
- - EZ update
- ASUS CPU-Z
- AI Charger
- DAEMON Tools
- Norton Anti-virus software (Free Trial version)
- WinRAR
- UEFI BIOS
- ASUS EZ DIY
- - ASUS CrashFree BIOS 3
- - ASUS EZ Flash 3
- - ASUS UEFI BIOS EZ Mode

Tylne porty wejścia/wyjścia

- 2 x USB 3.2 Gen 1 ports (2 x Type-A)
- 4 x USB 2.0 ports (4 x Type-A)
- 1 x D-Sub port
- 1 x HDMI™ port
- 1 x Intel® I219-V 1Gb Ethernet port
- 3 x Audio jacks
- 1 x PS/2 Keyboard/Mouse combo port

Wewnętrzne porty wejścia/wyjścia

- **Fan and Cooling related**
- 1 x 4-pin CPU Fan header
- 1 x 4-pin Chassis Fan header
- **Power related**
- 1 x 24-pin Main Power connector
- 1 x 8-pin +12V Power connector
- **Storage related**
- 1 x M.2 slot (Key M)
- 4 x SATA 6Gb/s ports
- **USB**
- 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
- 1 x USB 2.0 header supports additional 2 USB 2.0 ports
- **Miscellaneous**
- 1 x RGB header
- 1 x Clear CMOS header
- 1 x COM Port header
- 1 x Front Panel Audio header (AAFP)
- 1 x S/PDIF Out header
- 1 x Speaker header
- 1 x SPI TPM header (14-1pin)
- 1 x 10-1 pin System Panel header

Akcesoria

- **Cables**
- 2 x SATA 6Gb/s cables

- **Miscellaneous**
- 1 x I/O Shield
- 1 x M.2 ANCHOR
- **Installation Media**
- 1 x Support DVD
- **Documentation**
- 1 x User manual

BIOS

- 128 Mb Flash ROM, UEFI AMI BIOS

System operacyjny

- Wymagany Windows® 10 64-bit

Typ obudowy

- mATX Form Factor
- 22.6cm x 20.3cm

Specyfikacja

SPECYFIKACJA

Procesor

- Intel® Socket LGA1200 for 11th Gen Intel® Core™ Processors & 10th Gen Intel® Core™, Pentium® Gold and Celeron® Processors
- Supports Intel® 14 nm CPU
- Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0**
- * Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.

Chipset

- Intel® H510 Chipset

Pamięć

- DDR4 3200(OC)/2933/2800/2666/2400/2133 MHz Non-ECC, Un-buffered Memory*
- Dual Channel Memory Architecture
- Supports Intel® Extreme Memory Profile (XMP)
- * 10th Gen Intel® Core™ i7/i9 processors support 2933/2800/2666/2400/2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz.
- * 11th Gen Intel® processors support 2933/2800/2666/2400/2133 natively.
- * Refer to ASUS for the Memory QVL (Qualified Vendors Lists), and memory frequency support depends on the CPU types.

Grafika

- 1 x D-Sub
- 1 x HDMI 2.0™ 2.0**
- * Graphics specifications may vary between CPU types.
- ** 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 INTEL for any updates.

Gniazda rozszerzeń

- Intel® 11th & 10th Gen Processors
- 1 x PCIe 4.0/3.0 x16 slot
- - Intel® 11th Gen processors support PCIe 4.0 x16
- - Intel® 10th Gen processors support PCIe 3.0 x16
- Intel® H510 Chipset
- 1 x PCIe 3.0 x1 slot

Magazyn danych

- Supports 1 x M.2 slot and 4 x SATA 6Gb/s ports
- Intel® H510 Chipset
- M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes)
- 4 x SATA 6Gb/s ports
- * The M.2 slot shares bandwidth with the SATA6G_2 port. When a device in SATA mode is installed on the M.2 slot, the SATA6G_2 port cannot be used.

Sieć LAN

- ASUS LANGuard

Dźwięk

- ALC887/897
- Realtek ALC897/887 7.1 Surround Sound High Definition Audio CODEC*
- - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking
- - Supports up to 24-Bit/192 kHz playback"
- Audio Features
- - Audio Shielding
- - Dedicated audio PCB layers
- * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.

Porty USB

- Rear USB: Total 6 ports
- 2 x USB 3.2 Gen 1 ports (2 x Type-A)
- 4 x USB 2.0 ports (4 x Type-A)
- Front USB: Total 4 ports
- 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
- 1 x USB 2.0 header supports additional 2 USB 2.0 ports

Funkcje specjalne

- ASUS 5X PROTECTION III
- - DIGI+ VRM
- - LANGuard
- - Overvoltage Protection
- - SafeSlot Core
- - Stainless-Steel Back I/O
- ASUS Q-Design
- - Q-DIMM
- - Q-Slot
- ASUS Thermal Solution
- - Aluminum heatsink design
- ASUS Lighting Control
- - RGB header
- ASUS Exclusive Software
- Armoury Crate
- AI Suite 3
- - Performance And Power Saving Utility
- TurboV EVO
- EPU
- DIGI+ VRM
- Fan Xpert
- - EZ update
- ASUS CPU-Z
- AI Charger

- DAEMON Tools
- Norton Anti-virus software (Free Trial version)
- WinRAR
- UEFI BIOS
- ASUS EZ DIY
- - ASUS CrashFree BIOS 3
- - ASUS EZ Flash 3
- - ASUS UEFI BIOS EZ Mode

Tylne porty wejścia/wyjścia

- 2 x USB 3.2 Gen 1 ports (2 x Type-A)
- 4 x USB 2.0 ports (4 x Type-A)
- 1 x D-Sub port
- 1 x HDMI™ port
- 1 x Intel® I219-V 1Gb Ethernet port
- 3 x Audio jacks
- 1 x PS/2 Keyboard/Mouse combo port

Wewnętrzne porty wejścia/wyjścia

- **Fan and Cooling related**
- 1 x 4-pin CPU Fan header
- 1 x 4-pin Chassis Fan header
- **Power related**
- 1 x 24-pin Main Power connector
- 1 x 8-pin +12V Power connector
- **Storage related**
- 1 x M.2 slot (Key M)
- 4 x SATA 6Gb/s ports
- **USB**
- 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
- 1 x USB 2.0 header supports additional 2 USB 2.0 ports
- **Miscellaneous**
- 1 x RGB header
- 1 x Clear CMOS header
- 1 x COM Port header
- 1 x Front Panel Audio header (AAFP)
- 1 x S/PDIF Out header
- 1 x Speaker header
- 1 x SPI TPM header (14-1pin)
- 1 x 10-1 pin System Panel header

Akcesoria

- **Cables**
- 2 x SATA 6Gb/s cables
- **Miscellaneous**
- 1 x I/O Shield
- 1 x M.2 ANCHOR
- **Installation Media**
- 1 x Support DVD
- **Documentation**
- 1 x User manual

BIOS

- 128 Mb Flash ROM, UEFI AMI BIOS

System operacyjny

- Wymagany Windows® 10 64-bit

Typ obudowy

- mATX Form Factor

- 22.6cm x 20.3cm