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- › [ASUS](#) /
- › [ASUS Prime B560-PLUS LGA1200 ATX Motherboard User Manual](#)

## ASUS PRIME B560-PLUS

# ASUS Prime B560-PLUS Motherboard User Manual

Model: PRIME B560-PLUS | Brand: ASUS

## INTRODUCTION

The ASUS PRIME B560-PLUS motherboard is engineered to support 11th Gen Intel Core™ processors, offering enhanced security, reliability, and manageability. This motherboard features a robust power design, comprehensive cooling solutions, and intelligent tuning options, providing a range of performance tuning options for daily users and DIY PC builders. This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your ASUS Prime B560-PLUS motherboard.

## SETUP GUIDE

Proper installation is crucial for optimal performance and stability. Follow these guidelines for setting up your motherboard.

### 1. Unpacking and Inspection

Carefully remove the motherboard from its packaging. Inspect all components for any signs of damage. Ensure all accessories listed in the package contents are present.



Figure 1: ASUS Prime B560-PLUS Motherboard and Retail Box. This image shows the motherboard alongside its packaging, providing a visual of the product as it appears when new.



Figure 2: Contents of the ASUS Prime B560-PLUS retail box. This image displays the motherboard, user guide, SATA cables, and M.2 accessories included with the product.

## 2. Component Installation

Install the CPU, CPU cooler, RAM modules, and M.2 SSDs onto the motherboard before placing it into the PC case.

- **CPU Installation:** Open the LGA 1200 socket lever, align the CPU with the triangular marker, gently place it into the socket, and close the lever.
- **RAM Installation:** Insert DDR4 memory modules into the DIMM slots. Ensure the clips on both ends of the slot are open before inserting the module, then press down firmly until the clips lock into place.
- **M.2 SSD Installation:** The motherboard features two M.2 slots. Insert the M.2 SSD into the slot at an angle, then gently push it down and secure it with the provided M.2 screw or rubber stand-off.

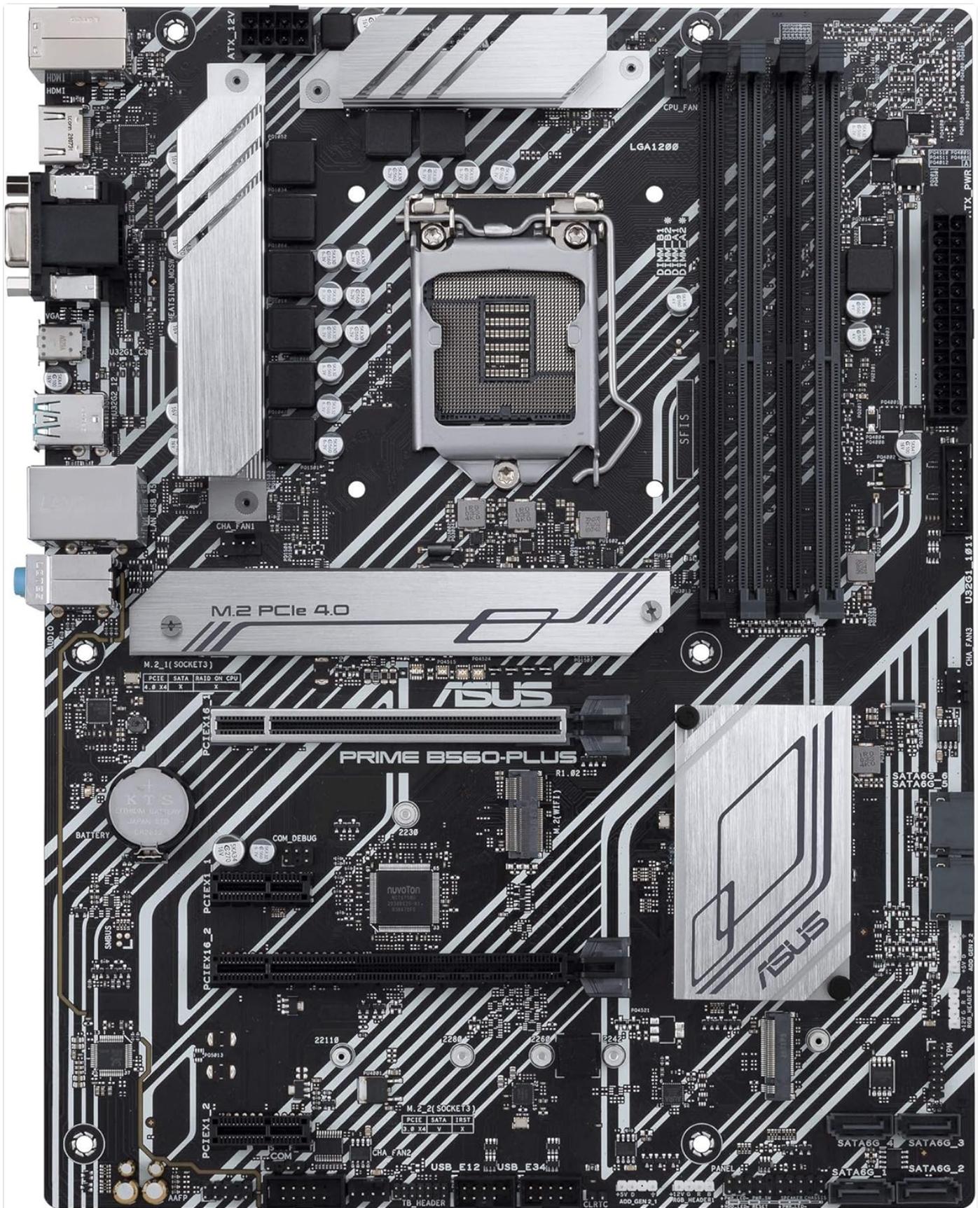
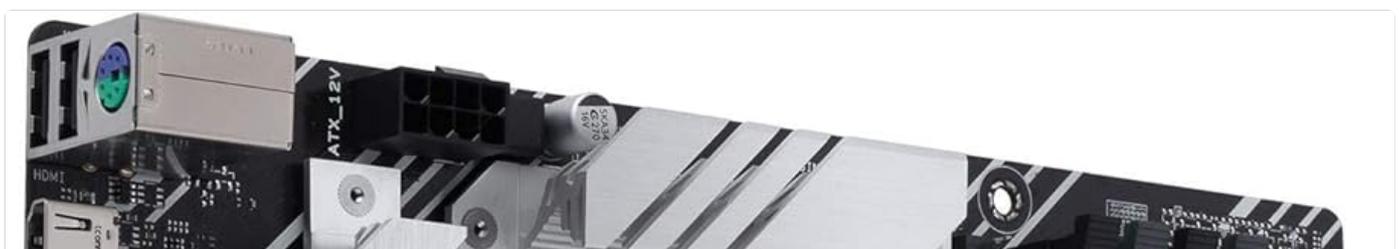


Figure 3: Top-down view of the ASUS Prime B560-PLUS motherboard. This perspective highlights the LGA1200 socket, DIMM slots for RAM, and the M.2 slots, crucial areas for component installation.



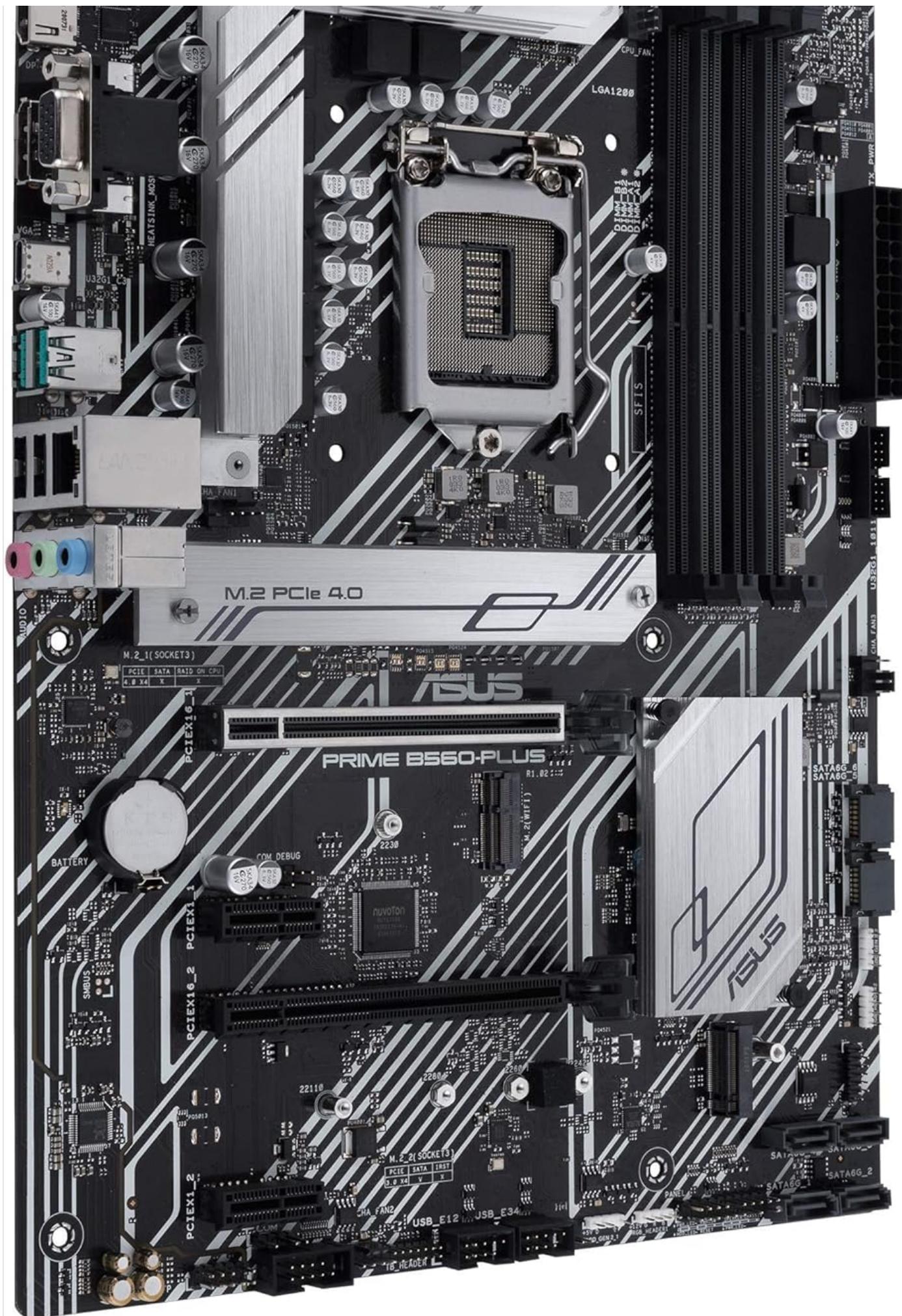


Figure 4: Angled view of the ASUS Prime B560-PLUS motherboard. This image shows the VRM heatsink and the primary PCIe 4.0 slot, indicating



- Reseat the graphics card and RAM modules.
- If using integrated graphics, ensure your CPU supports it.

- **System Instability/Crashes:**

- Check CPU and GPU temperatures. Overheating can cause instability.
- Run memory diagnostic tools to check for faulty RAM.
- Ensure all drivers are up to date.

For more detailed troubleshooting or complex issues, refer to the official ASUS support website or contact their technical support.

## TECHNICAL SPECIFICATIONS

Key specifications for the ASUS Prime B560-PLUS motherboard:

Feature	Specification
Brand	ASUS
Series	PRIME B560-PLUS
Model Number	PRIME B560-PLUS
CPU Socket	LGA 1200
Compatible Processors	10th and 11th Generation Intel Core
Chipset Type	Intel B560
RAM Memory Technology	DDR4
Memory Clock Speed	Up to 4600 MHz
Memory Storage Capacity (Max)	128 GB
Product Dimensions (LxWxH)	10.47 x 2.09 x 12.91 inches
Item Weight	0.035 ounces
USB 2.0 Ports	4
Connectivity	PCIe 4.0, Intel 1 Gb Ethernet, Rear USB 3.1 Gen 2 Type-C, Thunderbolt 4 header support

## WARRANTY INFORMATION

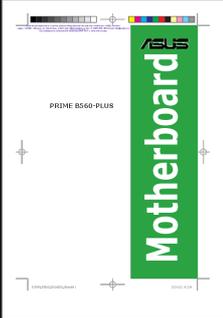
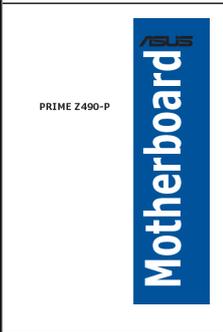
For detailed warranty information regarding your ASUS Prime B560-PLUS motherboard, please refer to the warranty card included with your product or visit the official ASUS support website. Warranty terms and conditions may vary by region and purchase date.

## SUPPORT

For further assistance, driver downloads, BIOS updates, or technical support, please visit the official ASUS support resources:

- [ASUS Global Support Website](#)
- [Visit the ASUS Store on Amazon](#)

## Related Documents - PRIME B560-PLUS

 The image shows the front cover of the ASUS PRIME B560-PLUS motherboard user manual. It features the ASUS logo at the top left, the model name 'PRIME B560-PLUS' in the center, and a large green vertical banner on the right with the word 'Motherboard' written vertically in white.	<p><a href="#">ASUS PRIME B560-PLUS Motherboard User Manual</a></p> <p>A comprehensive user manual for the ASUS PRIME B560-PLUS motherboard, detailing safety information, package contents, technical specifications, component installation, BIOS setup, and connectivity options.</p>
 The image shows the front cover of the ASUS PRIME H510M-R motherboard user manual. It features the ASUS logo at the top left, the model name 'PRIME H510M-R' in the center, and a large green vertical banner on the right with the word 'Motherboard' written vertically in white.	<p><a href="#">ASUS PRIME H510M-R Motherboard Benutzerhandbuch: Installation, Spezifikationen und BIOS-Infos</a></p> <p>Umfassendes Benutzerhandbuch für das ASUS PRIME H510M-R Motherboard, das Installation, Sicherheitshinweise, Hardware-Übersicht, BIOS-Informationen, detaillierte Spezifikationen und Umwelt-Compliance abdeckt.</p>
 The image shows the front cover of the ASUS PRIME H410M-CS motherboard user manual. It features the ASUS logo at the top left, the model name 'PRIME H410M-CS' in the center, and a large green vertical banner on the right with the word 'Motherboard' written vertically in white.	<p><a href="#">ASUS PRIME H410M-CS Motherboard User Manual</a></p> <p>User manual for the ASUS PRIME H410M-CS motherboard, detailing installation, specifications, BIOS setup, and features. Includes product overview, safety information, and technical support resources.</p>
 The image shows the front cover of the ASUS PRIME Z490-P motherboard user manual. It features the ASUS logo at the top left, the model name 'PRIME Z490-P' in the center, and a large blue vertical banner on the right with the word 'Motherboard' written vertically in white.	<p><a href="#">ASUS PRIME Z490-P Motherboard User Manual: Installation, Specs &amp; Guide</a></p> <p>Comprehensive user manual for the ASUS PRIME Z490-P motherboard. Covers installation, BIOS setup, specifications, and safety guidelines for Intel Z490 chipset systems.</p>
 The image shows the front cover of the ASUS PRIME H510M-A motherboard user manual. It features the ASUS logo at the top left, the model name 'PRIME H510M-A' in the center, and a large green vertical banner on the right with the word 'Motherboard' written vertically in white.	<p><a href="#">ASUS PRIME H510M-A Motherboard User Manual and Specifications</a></p> <p>Comprehensive guide to the ASUS PRIME H510M-A motherboard, covering package contents, detailed specifications for CPU, chipset, memory, graphics, expansion slots, storage, networking, audio, USB, rear I/O, internal connectors, BIOS information, installation procedures, and features.</p>

Pro H410M-C



[ASUS Pro H410M-C Motherboard User Manual: Installation, Specifications, and BIOS Guide](#)

Comprehensive user manual for the ASUS Pro H410M-C motherboard. Covers installation procedures, technical specifications, BIOS setup, safety precautions, and component layout for Intel LGA1200 processors.