

B760M-E DDR4

MSI Pro B760M-E DDR4 Intel 12th / 13th Gen Socket LGA 1700 mATX Motherboard

Product Overview

MSI Pro B760M-E DDR4 Intel 12th / 13th Gen Socket LGA 1700 mATX Motherboard, Intel B760 Chipset, 2x DDR4 DIMM Memory slots, 1x HDMI, 1x VGA, 1x PCI-e x16 slot, 1x PCI-e x1 slot, 1x M.2 slot, 4x SATA 6G Port, USB 2.0 Ports, USB 3.2 Gen1 Type-A Ports, USB 3.2 Gen 1 5Gbps (Type-A) Port, Realtek RTL8111h Gigabit LAN, 7.1-channel High Definition audio, Audio connectors, Keyboard / Mouse



Specifications

Overview:

PRO B760M-E DDR4

- Supports 12th/13th Gen Intel Core, Pentium Gold and Celeron processors for LGA 1700 socket
- Supports DDR4 Memory, Dual Channel DDR4 4800+MHz (OC)
- Core Boost : With premium layout and digital power design to support more cores and provide better performance
- Memory Boost: Advanced technology to deliver pure data signals for the best performance, stability and compatibility
- Lightning Fast Experience: PCIe 4.0, Lightning Gen4 x4 M.2
- AUDIO BOOST: Reward your ears with studio grade sound quality for the most immersive gaming experience
- Steel Armor: Protecting VGA cards against bending and EMI for better performance, stability and strength

Features:

PRO B760M-E DDR4 is designed with tons of flexible tools with DDR4 memory version.

BUSINESS ELEGANCE

The PRO Series is tailored to professionals from all walks of life. The lineup features impressive performance and high quality, while aiming to provide users incredible experience. Users who care about productivity and efficiency can definitely count on the MSI PRO Series to assist you with multitasking and increasing efficiency.

EXCLUSIVE FEATURES

- Core Boost
- Audio Boost
- Memory Boost
- Lightning Gen 4

CORE BOOST

Core Boost technology combines MSI's premium layout and optimized power design which allows for faster and undistorted current delivery to the CPU at pin-point precision. Not only supporting multi-core CPU, also creating the perfect conditions for your CPU overclocking.

Double Esd Protection

With MSI you benefit from great compatibility and a worry-free user experience when using Microsoft Windows 11. With a true dedication to performance, our R&D team has made sure everything works as intended when using the latest version of Microsoft Windows on any MSI product.

Onboard LEDs will indicate the source of the problem so you know exactly where to look to get up and running again.

MSI motherboards circuitry ensure the case standoff keep out zones are pure and clean. Moreover, the protective paint is printed around each screw hole to prevent parts from being scratched or damaged to the motherboard.

* Please ensure to remove the unnecessary mounting stand-off when installing the motherboard into the case.

Double ESD protection doubles up the grounding layer around the mounting holes, preventing static discharge surges from damaging the motherboard.

Lightning Gen 4 PCI-e with Steel Armor LIGHTNING GEN 4 PCI-E

Doubling over the previous generation, the bandwidth of a x16 interface can reach 64GB/s.

FAST AND FUTURE-READY STORAGE

MSI PRO series motherboards support all the latest storage standards, which allows users to connect any ultra-fast storage device. Start games faster, load levels faster and have a real advantage over your enemies.

DDR4 Memory Solution

With MSI Memory Boost technology and premium layout design, MSI PRO Series motherboards are ready to deliver the world-class memory performance.

Exclusive UI of AIDA64 Extreme

MSI motherboards provide 60 days free trial of AIDA64 Extreme - MSI edition. AIDA64 Extreme is an almighty application for system information, diagnostics and benchmarks. With the application, you can monitor the detailed hardware and software information on PC and save it to file in multiple formats such as CSV and HTML.

Get more from a loaded BIOS designed for ease of use. Fine-tune the motherboard for gaming performance, efficiency, or

overclocking world records!

System Safety

All MSI PRO series motherboards have SECURITY function in BIOS to protect every private files for no matter business or daily use.

Secure Boot

Secure boot is a security standard to make sure that a device boots using only software that is trusted. When the PC starts, the firmware checks the signature of each piece of boot software, including UEFI firmware drivers, EFI applications, and the operating system. The PC boots while the signatures are valid.

Resizable BAR (Re-Size BAR) is an advanced PCI Express feature that enables the CPU to access the entire GPU frame buffer at once and improve performance.

EXTEND YOUR RGB EXPERIENCE WITH EASE

Add more color if you want! Mystic Light Extension pin header provides an intuitive way to control additional RGB strips and other RGB peripherals added to a system, without needing a separate RGB controller.

Specifications:

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Specifications	
Product Code	B760M-E DDR4
CHIPSET	INTEL B760
CPU SUPPORT	Supports 12th/13th Gen Intel Core Processors, Pentium Gold and Celeron Processors
	LGA 1700
MEMORY	2x DDR4, Maximum Memory Capacity 64GB
	Memory Support 4800(OC) / 4600(OC) / 4400(OC) / 4266(OC) / 4200(OC) / 4000(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3400(OC) / 3333(OC) / 3200(JEDEC) / 2933(JEDEC) / 2666(JEDEC) / 2400(JEDEC) / 2133(JEDEC)
	Max. overclocking frequency:
	1DPC 1R Max speed up to 4800+ MHz
	1DPC 2R Max speed up to 4600+ MHz
	Supports Dual-Channel mode
	Supports non-ECC, un-buffered memory
	Supports Intel Extreme Memory Profile (XMP)
ONBOARD GRAPHICS	1x HDMI
	1x VGA
	Support HDMI 1.4 with HDR, maximum resolution of 4K 30Hz
	Support VGA, maximum resolution of 2048x1536 50Hz, 2048x1280 60Hz, 1920x1200 60Hz
	*Available only on processors featuring integrated graphics. Graphics specifications may vary depending on the CPU installed.

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Product Specification Sheet

EXPANSION SLOT	1x PCI-E x16 slot
	1x PCI-E x1 slot
	PCI_E1 PCIe 4.0 supports up to (From CPU)
	PCI_E2 PCIe 3.0 supports up to (From Chipset)
STORAGE	1x M.2 slot
	M.2_1 (From Chipset) supports up to PCIe 4.0 x4 / SATA mode, supports 2280/2260/2242 devices
	4x SATA 6G port
	* SATA5 will be unavailable when installing M.2 SATA SSD in the M2_2 slot.
RAID	Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices
USB	4x USB 2.0 (Rear)
	4x USB 2.0 (Front)
	2x USB 3.2 Gen1 Type A (Rear)
	2x USB 3.2 Gen1 Type A (Front)
LAN	Realtek RTL8111H Gigabit LAN
AUDIO	Realtek ALC897 Codec
	7.1-Channel High Definition Audio
INTERNAL I/O	1x Power Connector(ATX_PWR)
	1x Power Connector(CPU_PWR)
	1x CPU Fan
	2x System Fan
	2x Front Panel (JFP)
	1x Chassis Intrusion (JCI)
	1x Front Audio (JAUD)
	1x Com Port (JCOM)
	1x RGB LED connector(JRGB)
	1x TPM pin header(Support TPM 2.0)
	2x USB 2.0
	1x USB 3.2 Gen1 Type A
LED FEATURE	4x EZ Debug LED

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Product Specification Sheet

BACK PANEL PORTS	HDMI
	VGA
	Keyboard / Mouse
	USB 3.2 Gen 1 5Gbps (Type-A)
	LAN port
	Audio Connectors
	USB 2.0
	USB 2.0
OPERATING SYSTEM	Support for Windows 11 64-bit, Windows 10 64-bit
PCB DIMENSION	mATX
	200mmx236.16mm

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/B760M-E-DDR4-MSI-Pro-B760M-E-DDR4-Intel-12th-13th-Gen-Buy-p-276369.php>

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