MSI PRO B760M-P DDR4 motherboard

Artikel	129870
Herstellernummer	PRO B760M-P DDR4
EAN	4711377030991
MSI	

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.

M.2 Shield Frozr
Strengthened M.2 thermal solution helps keep M.2 SSD safe and ensures incredible performance.

Chipset Heatsink
The chipset heatsink is designed to reduce dust and noise and also capable of maintaining high efficiency of PCH.

CONTROL IN ONE CLICK
MSI motherboards let you manage speeds and temperatures for all your system and CPU fans in BIOS and software with a simplified graphical interface. You can also set up to 4 temperature targets, which will adjust the fan speeds automatically.

FROZR AI COOLING
Detecting CPU & GPU temperatures and automatically adjusting fan duty of system fans to a proper value by adopting MSI AI ENGINE.

AUTO DETECT YOUR FAN
MSI fan headers automatically detect fans running in DC or PWM mode for optimal tuning of fan speeds and silence. Hysteresis also makes your fans spin up fluently to make sure your system stays silent, no matter what.

LIGHTNING GEN 4 PCI-E
Doubling over the previous generation, the bandwidth of a x16 interface can reach 64GB/s.

REINFORCED,
HEAVY SOLDERED CONNECTIONS
Secure to the motherboard with extra solder points and support the weight of heavy graphics cards.

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.

Zusammenfassung

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.

M.2 Shield Frozr
Strengthened M.2 thermal solution helps keep M.2 SSD safe and ensures incredible performance.

Chipset Heatsink
The chipset heatsink is designed to reduce dust and noise and also capable of maintaining high efficiency of PCH.

CONTROL IN ONE CLICK
MSI motherboards let you manage speeds and temperatures for all your system and CPU fans in BIOS and software with a simplified graphical interface. You can also set up to 4 temperature targets, which will adjust the fan speeds automatically.

FROZR AI COOLING
Detecting CPU & GPU temperatures and automatically adjusting fan duty of system fans to a proper value by adopting MSI AI ENGINE.

AUTO DETECT YOUR FAN
MSI fan headers automatically detect fans running in DC or PWM mode for optimal tuning of fan speeds and silence. Hysteresis also makes your fans spin up fluently to make sure your system stays silent, no matter what.

LIGHTNING GEN 4 PCI-E
Doubling over the previous generation, the bandwidth of a x16 interface can reach 64GB/s.

REINFORCED,
HEAVY SOLDERED CONNECTIONS
Secure to the motherboard with extra solder points and support the weight of heavy graphics cards.

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.

MSI PRO B760M-P DDR4, Intel, LGA 1700, Intel® Celeron®, Intel® Pentium® Gold, LGA 1700, DDR4-SDRAM, 128 GB

MSI PRO B760M-P DDR4. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel

Merkmale

Expansion slots

PCI Express x1 (Gen 3.x) slots	2

Weight & dimensions

Width	243.8 mm
Depth	243.8 mm

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit
System Management BIOS (SMBIOS) version	3.5

Processor

Processor manufacturer	Intel
Processor socket	LGA 1700
Compatible processor series	Intel® Celeron®, Intel® Pentium® Gold
Maximum number of SMP processors	1
Supported processor sockets	LGA 1700

Features

Motherboard chipset	Intel B760
Audio chip	Realtek ALC897
Audio output channels	7.1 channels
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	Intel
Power source type	ATX
Windows operating systems	Windows 10, Windows 11

Network

Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi	No

Storage controllers

Supported storage drive interfaces	M.2, SATA III
RAID support	Yes
RAID levels	0, 1, 5, 10

supported

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	Yes
Supported memory clock speeds	4800, 4600, 4400, 4266, 4200, 4000, 3800, 3733, 3600, 3466, 3400, 3333, 3200, 2933, 2666, 2400, 2133 MHz
Supported memory clock speed (max)	4800 MHz
Maximum internal memory	128 GB

Rear panel I/O ports

USB 2.0 ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.4

Internal I/O

USB 2.0 connectors	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
Number of SATA III connectors	4
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
TPM connector	Yes
RGB LED pin header	Yes