MSI PRO Z790-P WIFI motherboard

Artikel	127626
Herstellernummer	PRO Z790-P WIFI
EAN	4711377015738
MSI	

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.

LIGHTNING GEN 5 PCI-E
Doubling over the previous generation, the bandwidth of a x16 interface can reach 128GB/s.

SMT PCIE 5.0 SLOT
The advanced SMT(Surface Mount Technology) PCIE slot diminish interference and electrical noise, fully support the PCI-E 5.0 signal.

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

Zusammenfassung

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MSI PRO Z790-P WIFI, Intel, LGA 1700, Intel® Celeron®, Intel® Pentium® Gold, LGA 1700, DDR5-SDRAM, 128 GB

MSI PRO Z790-P WIFI. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Supported memory clock speeds: 4800,5000,5200,5400,5800,6000,6400,6600,6800,7000 MHz. Supported storage drive interfaces: M.2, PCI Express, Supported storage drive types: HDD & SSD, Internal storage capacity: 10 GB. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi

standard: Wi-Fi 6 (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel

Merkmale

Expansion slots

Number of M.2 (M) slots	4

Graphics

Parallel processing technology support	Not supported
On-board graphics card	No

Packaging content

Cables included	SATA
Bundled software	Drivers MSI Center Intel Extreme Tuning Utility CPU-Z MSI GAMING Norton 360 Deluxe AIDA64 Extreme - MSI Edition

Weight & dimensions

Width	304.8 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
Supported processor sockets	LGA 1700

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces	M.2, PCI Express
Internal storage capacity	10 GB
RAID support	Yes
RAID levels	0, 1, 5, 10

Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
ECC	No
Non-ECC	Yes
Supported memory clock speeds	4800,5000,5200,5400,5800,6000,6400,6600,6800,7000 MHz
Supported memory clock speed (max)	7000 MHz
Maximum internal memory	128 GB

Network

Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi	Yes
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax)
Bluetooth	Yes
Bluetooth version	5.3

Features

Motherboard chipset	Intel Z790
Audio chip	Realtek ALC897
Audio output channels	7.1 channels
Product colour	Black
Component for	PC
Motherboard form factor	ATX
Motherboard chipset family	Intel
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Internal I/O

USB 2.0 connectors	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors	4
USB 3.2 Gen 2 (3.1 Gen 2) connectors	1
Number of SATA III connectors	6
Front panel audio connector	Yes

Front panel connector	Yes
TPM connector	Yes
RGB LED pin header	Yes

Rear panel I/O ports

USB 2.0 ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
S/PDIF out port	Yes