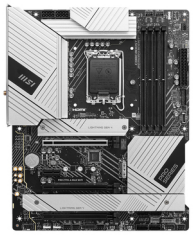
MSI PRO Z790-A MAX WIFI motherboard Intel Z790 LGA 1700 ATX



Brand : MSI

Product code: PRO Z790-A MAX WIFI

Product name : PRO Z790-A MAX WIFI

LGA 1700, Z790, 4x DDR5, Wi-Fi 6E, 2.5G LAN, AMI UEFI BIOS
MSI PRO Z790-A MAX WIFI. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium®, Intel® Pentium® Gold. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory channels: Dual-channel. Supported storage drive interfaces: M.2, PCI Express, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6 (802.11ax), Wi-Fi standards: 802.11a, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1700
Compatible processor series *	Intel® Celeron®, Intel® Pentium®, Intel® Pentium® Gold
Supported processor sockets	LGA 1700

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000 MHz
Supported memory clock speed (max)	7200 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express
Number of storage drives supported	10
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

On-board graphics card	✘

Internal I/O

USB 2.0 connectors *	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	6
Front panel audio connector	✔
Front panel connector	✔
CPU fan connector	✔
Chassis intrusion connector	✔

Rear panel I/O ports

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 *	3
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
DisplayPorts quantity	1
S/PDIF out port	✔

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth	✔
Bluetooth version	5.3

Features

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

Expansion slots

PCI Express x1 slots	1
PCI Express x16 slots	3

Internal I/O	
TPM connector	✔
RGB LED pin header	✔

Rear panel I/O ports	
USB 2.0 ports quantity *	2

Expansion slots	
Number of M.2 (M) slots	4

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Desktop Management Interface (DMI) version	6.4
System Management BIOS (SMBIOS) version	3.5

Weight & dimensions	
Width	304.8 mm
Depth	243.8 mm

Packaging content	
Cables included	SATA

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