



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		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor socket *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Compatible processor series *	Intel® Celeron®, Intel® Pentium®, Intel® Pentium® Gold	USB 3.2 Gen 2x2 Type-C ports quantity	1
Supported processor sockets	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	S/PDIF out port	✓
Memory channels	Dual-channel	Network	
Non-ECC	✓	Ethernet LAN	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	7200 MHz	Wi-Fi *	✓
Maximum internal memory *	128 GB	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Unbuffered memory	✓	Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.3
Supported storage drive interfaces *	M.2, PCI Express	Features	
Number of storage drives supported	10	Motherboard chipset *	Intel Z790
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	Aluminium, Black
Graphics		Component for *	PC
On-board graphics card	✗	Motherboard form factor *	ATX
Internal I/O		Motherboard chipset family *	Intel
USB 2.0 connectors *	4	Windows operating systems supported	Windows 10 x64, Windows 11 x64
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x1 slots	1
Number of SATA III connectors *	6	PCI Express x16 slots	3
Front panel audio connector	✓	Number of M.2 (M) slots	4
Front panel connector	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Chassis intrusion connector	✓	BIOS memory size	256 Mbit
TPM connector	✓		
RGB LED pin header	✓		
Rear panel I/O ports			
USB 2.0 ports quantity *	2		

BIOS

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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