## msi

## MSI PRO H510M-B II placa base Intel H470 LGA 1200 (Socket H5) Micro ATX

Marca : MSI

Código del producto: PRO H510M-B II

Nombre del producto : PRO H510M-B II

MSI PRO H510M-B II. Fabricante de procesador: Intel, Socket de procesador: LGA 1200 (Socket H5), Procesador compatible: Intel® Celeron®, Intel® Pentium® Gold. tipos de memoria compatibles: DDR4-SDRAM, Memoria interna máxima: 64 GB, Tipo de ranuras de memoria: DIMM. Interfaces de disco de almacenamiento soportados: M.2, SATA III, Tipos de unidades de almacenamiento admitidas: HDD & SSD. Tipo de interfaz ethernet: Gigabit Ethernet, Controlador LAN: Realtek 8111H. Componente para: PC, Factor de forma de la tarjeta madre: Micro ATX, Familia del chipset: Intel





Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	4
Processor socket *	LGA 1200 (Socket H5)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	Intel <sup>®</sup> Celeron <sup>®</sup> , Intel <sup>®</sup> Pentium <sup>®</sup> Gold	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1200 (Socket H5)	VGA (D-Sub) ports quantity *	1
Maximum internal memory supported by processor	64 GB	HDMI ports quantity *	1
		HDMI version	1.4
Memory		Headphone outputs	1
Supported memory types *	DDR4-SDRAM	Line-in	<ul> <li>Image: A start of the start of</li></ul>
Number of memory slots *	2	Microphone in	1
Memory slots type	DIMM Dual shares	Network	
Memory channels ECC compatibility	Dual-channel Non-ECC	Ethernet LAN	1
Supported memory clock speeds	2133,2400,2666,2933 MHz	Ethernet interface type	Gigabit Ethernet
Supported memory clock speeds	2155,2400,2000,2955 MHz	LAN controller	Realtek 8111H
(max)	2933 MHz	Wi-Fi *	×
Maximum internal memory *	64 GB		
		Features	
Unbuffered memory	<ul> <li>✓</li> </ul>	Features Motherboard chipset *	Intel H470
			Intel H470 Realtek ALC897
Unbuffered memory		Motherboard chipset *	
Unbuffered memory Storage controllers	HDD & SSD	Motherboard chipset * Audio chip	Realtek ALC897
Unbuffered memory Storage controllers Supported storage drive types	HDD & SSD	Motherboard chipset * Audio chip Audio output channels *	Realtek ALC897 7.1 channels
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces	HDD & SSD * M.2, SATA III 4	Motherboard chipset * Audio chip Audio output channels * Component for *	Realtek ALC897 7.1 channels PC
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported	HDD & SSD * M.2, SATA III 4	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor *	Realtek ALC897 7.1 channels PC micro ATX
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported Number of storage drives supported	HDD & SSD * M.2, SATA III 4	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported	Realtek ALC897 7.1 channels PC micro ATX Intel
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported Number of storage drives supported Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1)	HDD & SSD * M.2, SATA III 4 5	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported Expansion slots	Realtek ALC897 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported Number of storage drives supported Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors *	+DD & SSD * M.2, SATA III 4 5 4 2	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported Expansion slots PCI Express x1 (Gen 3.x) slots	Realtek ALC897 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported Number of storage drives supported Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors *	HDD & SSD * M.2, SATA III 4 5 4 2 4	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported <b>Expansion slots</b> PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 3.x) slots	Realtek ALC897 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported Number of storage drives supported Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors * Total number of SATA connectors	<ul> <li>HDD &amp; SSD</li> <li>M.2, SATA III</li> <li>4</li> <li>5</li> <li>4</li> <li>2</li> <li>4</li> <li>4</li> </ul>	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported <b>Expansion slots</b> PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 3.x) slots Number of M.2 (M) slots	Realtek ALC897 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported Number of storage drives supported Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors * Total number of SATA connectors Front panel audio connector	HDD & SSD * M.2, SATA III 4 5 4 2 4	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported <b>Expansion slots</b> PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 3.x) slots Number of M.2 (M) slots 1st M.2 largest key size	Realtek ALC897 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64
Unbuffered memory Storage controllers Supported storage drive types Supported storage drive interfaces Number of HDDs supported Number of storage drives supported Internal I/O USB 2.0 connectors * USB 3.2 Gen 1 (3.1 Gen 1) connectors * Number of SATA III connectors * Total number of SATA connectors	<ul> <li>HDD &amp; SSD</li> <li>M.2, SATA III</li> <li>4</li> <li>5</li> <li>4</li> <li>2</li> <li>4</li> <li>4</li> </ul>	Motherboard chipset * Audio chip Audio output channels * Component for * Motherboard form factor * Motherboard chipset family * Windows operating systems supported <b>Expansion slots</b> PCI Express x1 (Gen 3.x) slots PCI Express x16 (Gen 3.x) slots Number of M.2 (M) slots	Realtek ALC897 7.1 channels PC micro ATX Intel Windows 10 x64, Windows 11 x64

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Internal I/O		BIOS	
Number of chassis fan connectors	2	BIOS type *	UEFI AMI
Chassis intrusion connector	1	BIOS memory size	128 Mbit
Number of COM connectors	1	ACPI version	6.4
TPM connector RGB LED pin header	<i>i</i>	System Management BIOS (SMBIOS) version	3.4
		Weight & dimensions	
		Width	202 mm

Depth

236 mm

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