



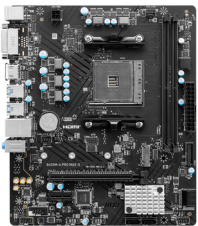
# MSI B450M-A PRO MAX II placa base AMD B450 Enchufe AM4 Micro ATX

Marca : MSI

Código del producto: B450M-A PRO MAX II

Nombre del producto : B450M-A PRO MAX II

MSI B450M-A PRO MAX II. Fabricante de procesador: AMD, Socket de procesador: Enchufe AM4, Procesador compatible: AMD Ryzen™ 5. 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: SSD. Máxima resolución: 4096 x 2160 Píxeles. Tipo de conector USB: USB tipo A



Procesador		Interno I/O	
Fabricante de procesador *	AMD	Cabecera de puerto serie	1
Socket de procesador *	Enchufe AM4	<b>Panel trasero Puertos de I/O (input/output)</b>	
Procesador compatible *	AMD Ryzen™ 5	Cantidad de puertos USB 2.0 *	2
Máx. número de procesador SMP	1	Cantidad de puertos tipo A USB 3.2 Gen 1 (3.1 Gen 1) *	4
Sockets de procesador soportados	Enchufe AM4	Puertos Ethernet LAN (RJ-45) *	1
Memoria		Cantidad de puertos PS/2	2
tipos de memoria compatibles *	DDR4-SDRAM	Número de puertos HDMI *	1
Número de ranuras de memoria *	2	Versión HDMI	1.4
Tipo de ranuras de memoria	DIMM	Cantidad de puertos DVI-D *	1
Canales de memoria	Doble canal	Salidas para auriculares	1
ECC	✓	Entrada de micrófono	✓
No ECC	✓	Tipo de conector USB	USB tipo A
Velocidades de reloj de memoria soportadas	2667, 2800, 2933, 3000, 3066, 3200, 3466, 3600, 3733, 3866, 4000, 4133 MHz	Red	
Memoria interna máxima *	64 GB	Ethernet	✓
Memoria sin buffer	✓	Tipo de interfaz ethernet	2.5 Gigabit Ethernet
Controladores de almacenaje		Wifi *	✗
Tipos de unidades de almacenamiento admitidas	SSD	Características	
Interfaces de disco de almacenamiento soportados *	M.2, SATA III	Chipset de tarjeta madre *	AMD B450
Gráficos		Chip de sonido	Realtek ALC897
Soporte para proceso paralelo *	No compatible	Canales de salida de audio *	7.1 canales
Máxima resolución	4096 x 2160 Píxeles	Factor de forma de la tarjeta madre *	Micro ATX
Soporte de gráficos discretos	✓	Familia del chipset *	AMD
Interno I/O		Tipo de alimentación	ATX
USB 2.0, conectores *	4	Sistemas operativos Windows soportados	Windows 10 x64, Windows 7 x64
Conectores USB 3.2 Gen 1 (3.1 Gen 1) *	2	Ranuras de expansión	
Número de conectores SATA III *	4	PCI Express x1 (Gen 2.x) ranuras	1
Conector de audio en panel frontal	✓	Ranuras x16 PCI Express	1
Conector de panel delantero	✓	BIOS	
Conector de potencia ATX (24 pines)	✓	Tipos de BIOS *	UEFI AMI
Conector de ventilador CPU	✓	Tamaño de memoria de BIOS	256 MB/s
		Versión ACPI	6.1
		Jumper Clear CMOS	✓

Interno I/O		BIOS	
Conector de intrusión a chasis	✓	Versión de BIOS de administración del sistema (SMBIOS)	2.8
Conector TPM	✓	<b>Peso y dimensiones</b>	
Conector paralelo	✓	Ancho	200 mm
		Profundidad	236 mm
		<b>Contenido del empaque</b>	
		Cables incluidos	SATA
		Controladores incluidos	✓
		<b>Otras características</b>	
		Guía de instalación rápida	✓



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