

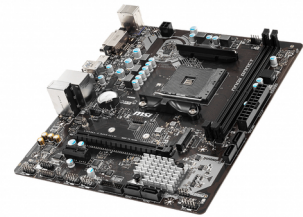
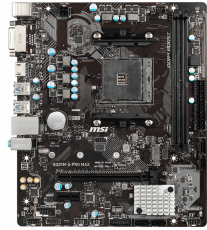
MSI A320M-A PRO MAX placa base AMD A320 Enchufe AM4 Micro ATX

Marca : MSI

Código del producto: A320M-A PRO MAX

Nombre del producto : A320M-A PRO MAX

MSI A320M-A PRO MAX. Fabricante de procesador: AMD, Socket de procesador: Enchufe AM4, Procesador compatible: AMD A, AMD Athlon, AMD Athlon™ X4, AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation.... tipos de memoria compatibles: DDR4-SDRAM, Memoria interna máxima: 32 GB, Tipo de ranuras de memoria: DIMM. Interfaces de disco de almacenamiento soportados: PCI Express 3.0, SATA III, Tipos de unidades de almacenamiento admitidas: HDD & SSD, Niveles RAID: 0, 1, 10. Controlador LAN: Realtek 8111H. Componente para: PC, Factor de forma de la tarjeta madre: Micro ATX, Familia del chipset: AMD



Procesador		Panel trasero Puertos de I/O (input/output)	
Fabricante de procesador *	AMD	Cantidad de puertos USB 2.0 *	2
Socket de procesador *	Enchufe AM4	Cantidad de puertos tipo A USB 3.2 Gen 1 (3.1 Gen 1) *	6
Procesador compatible *	AMD A, AMD Athlon, AMD Athlon™ X4, AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, 3rd Generation AMD Ryzen 5, AMD Ryzen™ 7, 2nd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	Puertos Ethernet LAN (RJ-45) *	1
		Cantidad de puertos PS/2	2
		Número de puertos HDMI *	1
		Cantidad de puertos DVI-D *	1
		Salidas para auriculares	1
Máx. número de procesador SMP	1	Entrada de micrófono	✓
Sockets de procesador soportados	Enchufe AM4	Cantidad de puerto serial	1
Memoria		Red	
tipos de memoria compatibles *	DDR4-SDRAM	Ethernet	✓
Número de ranuras de memoria *	2	Controlador LAN	Realtek 8111H
Tipo de ranuras de memoria	DIMM	Wifi *	✗
Canales de memoria	Doble canal	Características	
ECC	✓	Chipset de tarjeta madre *	AMD A320
No ECC	✓	Chip de sonido	Realtek ALC892
Velocidades de reloj de memoria soportadas	1866,2133,2400,2667,2933,3200 MHz	Canales de salida de audio *	7.1 canales
Velocidad de reloj de la memoria compatible (máx.)	3200 MHz	Componente para *	PC
Memoria interna máxima *	32 GB	Factor de forma de la tarjeta madre *	Micro ATX
Controladores de almacenamiento		Familia del chipset *	AMD
Tipos de unidades de almacenamiento admitidas	HDD & SSD	Número de orificios de montaje	6
Interfaces de disco de almacenamiento soportados *	PCI Express 3.0, SATA III	Sistemas operativos Windows soportados	Windows 10, Windows 7
Niveles RAID	0, 1, 10	Ranuras de expansión	
Gráficos		PCI Express x1 (Gen 2.x) ranuras	1
Versión DirectX	12.0	PCI Express x16 Gen (3.x) ranuras	1
Interno I/O		Número de ranuras M.2 (M)	1
USB 2.0, conectores *	2	BIOS	
Conectores USB 3.2 Gen 1 (3.1 Gen 1) *	1	Tipos de BIOS *	UEFI AMI
		Jumper Clear CMOS	✓
		Datos de logística	
		Código de Sistema de Armonización (SA)	84733020

Interno I/O		Peso y dimensiones	
Número de conectores SATA III *	4	Ancho	236 mm
Conector de audio en panel frontal	✓	Profundidad	200 mm
Conector de panel delantero	✓	Contenido del empaque	
Conector de potencia ATX (24 pines)	✓	Cables incluidos	SATA
Conector de ventilador CPU	✓	Controladores incluidos	✓
Número de conectores a ventilador de chasis	1	Otras características	
Conector de intrusión a chasis	✓	Guía de instalación rápida	✓
Conector TPM	✓	Herramientas incluidas	✓
Conector eléctrico de 12 V	✓		



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