

## ASUS PRIME B450M-A II AMD B450 Socket AM4 micro ATX

**Brand :** ASUS

**Product code:** 90MB15Z0-M0EAY0

**Product name :** PRIME B450M-A II



- Comprehensive cooling: VRM heatsink, PCH heatsink, and Fan Xpert 2+
- Ultrafast connectivity: M.2 support, 1 Gb Ethernet, and USB 3.2 Gen 2 Type-A
- 5X Protection III: Multiple hardware safeguards for all-around system protection
- Aura Sync RGB Lighting: Onboard connector for RGB LED strips, easily synced with an ever-growing portfolio of Aura Sync-capable hardware

AMD B450, AM4, 4x DDR4, VGA, DVI-D, HDMI, SATA III, M.2, USB 3.2, 1G LAN, PS/2, mATX, 244x240 mm  
 ASUS PRIME B450M-A II. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, Supported storage drive types: HDD & SSD. HDMI version: 2.0b. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	Socket AM4	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen 3000 Series	Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	PS/2 ports quantity	1
Supported processor sockets	Socket AM4	VGA (D-Sub) ports quantity *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI version	2.0b
Number of memory slots *	4	DVI-D ports quantity *	1
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC	Ethernet interface type	Gigabit Ethernet
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3300,3400,3466,3600,3733,3866,4000,4400 MHz	LAN controller	Realtek RTL8111H
Maximum internal memory *	128 GB	Wake-on-LAN ready	✓
Unbuffered memory	✓	Wi-Fi *	✗
Storage controllers		Top Wi-Fi standard	Not available
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	SATA III	Motherboard chipset *	AMD B450
RAID support	✓	Audio output channels *	7.1+2 channels
Graphics		Product colour	Black
Parallel processing technology support *	Not supported	Component for *	PC
On-board graphics card	✗	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	AMD
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 7 x64
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Expansion slots	
Number of SATA III connectors *	6	PCI Express x1 (Gen 2.x) slots	2
S/PDIF out connector	✓	PCI Express x16 (Gen 3.x) slots	1
Audio connector	✓	PCI slots	4
Front panel audio connector	✓	Number of M.2 (M) slots	1
Front panel connector	✓		
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		

Internal I/O		BIOS	
Number of chassis fan connectors	2	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	256 Mbit
TPM connector	✓	Clear CMOS jumper	✓
12V power connector	✓	Logistics data	
RGB LED pin header	✓	Harmonized System (HS) code	84733020
		Weight & dimensions	
		Width	244 mm
		Depth	240 mm
		Height	259 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	849 g



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