ASUS

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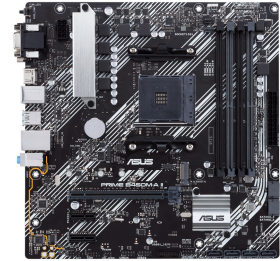
Brand : ASUS

Product name : PRIME B450M-A II

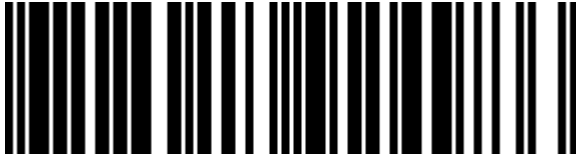**Product code:** 90MB15Z0-M0EAY0

- 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™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9. 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
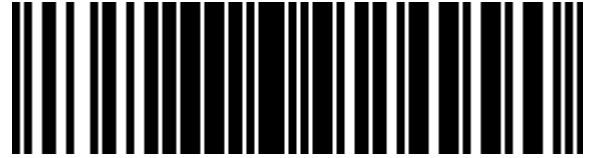
Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9
Maximum number of SMP processors	1

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3300,3400,3466,3600,3733,3866,4000,4400 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	SATA III

Graphics

Parallel processing technology support *	Not supported

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	6
S/PDIF out connector	✓
Audio connector	✓
Front panel audio connector	✓
Front panel connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	2
Number of COM connectors	1

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.0b
DVI-D ports quantity *	1

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
Wake-on-LAN ready	✓
Wi-Fi *	✗

Features

Motherboard chipset *	AMD B450
Audio output channels *	7.1+2 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 7 x64

Expansion slots

PCI Express x1 (Gen 2.x) slots	2
PCI Express x16 (Gen 3.x) slots	1
Number of M.2 (M) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS jumper	✓

Internal I/O

TPM connector	✔
12V power connector	✔
RGB LED pin header	✔

Logistics data

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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