ASUS Prime B450M-K II AMD B450 Socket AM4 micro ATX

Brand : ASUS

Product name : Prime B450M-K II

Product code: 90MB1600-M0EAY0
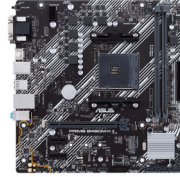
- Comprehensive cooling: PCH heatsink, and Fan Xpert
- Ultrafast connectivity: M.2 support, 1 Gb Ethernet, and USB 3.2 Gen 1 Type-A
- 5X Protection III: Multiple hardware safeguards for all-around system protection
- LED illumination: Lighting control for both PCIe slot and audio trace paths

AMD B450 (Ryzen AM4) micro ATX motherboard with M.2 support, HDMI/DVI-D/D-Sub, SATA 6 Gbps, 1 Gb Ethernet, USB 3.2 Gen 1 Type-A, BIOS FlashBack

ASUS Prime B450M-K II. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 2000 Series, AMD Ryzen Threadripper 1000 Series, AMD Ryzen Threadripper 2000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 3.0, SATA III, RAID levels: 0, 1, 10. Ethernet interface type: Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 2000 Series, AMD Ryzen Threadripper 1000 Series, AMD Ryzen Threadripper 2000 Series

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
ECC compatibility	ECC
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200 MHz
Maximum internal memory *	64 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III
RAID levels	0, 1, 10

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
S/PDIF out connector	✔
Audio connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2

Rear panel I/O ports

Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✗

Features

Motherboard chipset *	AMD B450
Audio chip	Realtek ALC887-VD2
Audio output channels *	7.1 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	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	6.1

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	244 mm
Depth	244 mm

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 *	3
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	2
VGA (D-Sub) ports quantity *	1
DVI-D ports quantity *	1
Headphone outputs	1

Weight & dimensions

Height	259 mm

Packaging content

Cables included	SATA
Bundled software	Armoury Crate, AI Suite 3, Performance and Power, Saving Utility, TurboV EVO, EPU, DIGI+ VRM, Fan Xpert, PC Cleaner, EZ update, System Information, ASUS CPU-Z, AI Charger, ASUS EZ Installer, DAEMON Tools, Norton Anti-virus software (Free Trial for 60 days), WinRAR, UEFI BIOS, ASUS EZ DIY, ASUS CrashFree BIOS 3, ASUS EZ Flash 3, ASUS UEFI BIOS EZ Mode

Other features

Weight	840 g

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