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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™ 3, 2nd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, AMD.... 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™ 3, 2nd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, AMD Ryzen™ 7, 2nd Generation AMD Ryzen™ 7, AMD Ryzen™ Threadripper™, AMD Ryzen™ Threadripper™: The Second Generation

Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
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
Height	259 mm

Packaging content	
Cables included	SATA

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

Packaging content

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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