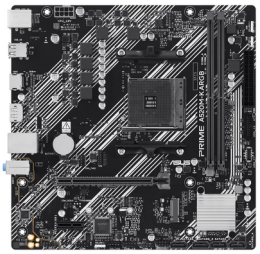
ASUS PRIME A520M-K ARGB AMD A520 Socket AM4 micro ATX



Brand : ASUS

Product code: 90MB1R00-M0EAY0

Product name : PRIME A520M-K ARGB

Socket AM4, AMD A520 Chipset, 2 x DDR4-SDRAM up to 64GB, LAN, 1 x RJ-45, 4 x SATA III, 1 x M.2(M), UEFI AMI, Micro ATX

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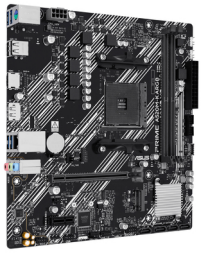
A520M-K ARGB

ASUS PRIME series motherboards are expertly engineered to unleash the full potential of 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series AMD Ryzen™ platform. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, PRIME A520 series motherboards provide daily users and DIY PC builders a range of performance tuning options via intuitive software and firmware features.



Processor	
Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 5000 Series, AMD Ryzen 4000 Series, AMD Ryzen 3000 Series
Supported processor sockets	Socket AM4
Memory	
Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC
Maximum internal memory *	64 GB
Unbuffered memory	✔
Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	5
RAID support	✔
RAID levels	0, 1, 10
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 *	2
Number of SATA III connectors *	4
S/PDIF out connector	✔
Front panel audio connector	✔

Rear panel I/O ports	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
DisplayPorts quantity	1
Microphone in	✔
Network	
Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✘
Top Wi-Fi standard	Not available
Features	
Motherboard chipset *	AMD A520
Audio output channels *	7.1 channels
Product colour	Black, White
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64, Windows 11
Expansion slots	
PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
Number of M.2 (M) slots	1
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	3.0
BIOS	
BIOS type *	UEFI AMI

Internal I/O	
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	1
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
Number of COM connectors	1
TPM connector	✔
12V power connector	✔
RGB LED pin header	✔
Number of RGB LED pin headers	3

BIOS	
BIOS memory size	128 Mbit
Packaging data	
Package width	260 mm
Package depth	270 mm
Package height	51.5 mm
Package weight	804 g
Weight & dimensions	
Width	226 mm
Depth	226 mm
Packaging content	
Cables included	SATA
Screws included	✔

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Catalog Object Cloud

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