Asrock A520M-ITX/ac

Artikel	115953
Herstellernummer	90-MXBDG0-A0UAYZ
EAN	4710483932045

Asrock

A520 MOTHERBOARD FOR EVERYONE
All Essentials You Need For Computing

8 Power Phase Design
Featuring sturdy components and completely smooth power delivery to the CPU. Plus, it enhanced performance with the lowest temperature for advanced gamers.

Premium 60A Power Choke
Compared to traditional chokes, ASRock’s premium 60A power chokes effectively make the saturation

RULE YOUR OWN LIGHTING WAY - POLYCHROME RGB
This motherboard features onboard RGB headers and an addressable RGB header that allow motherboard to be connected to compatible LED devices such as strip, CPU fans, coolers, chassis and so on. Users may also synchronize RGB LED devices across the Polychrome RGB Sync-certified accessories to create their own unique lighting effects.

Dual Band 802.11ac WiFi
No one has time for weak WiFi signals and sluggish internet! That's why this motherboard comes with a 802.11ac WiFi (2.4G / 5G WiFi) module which supports wireless networks and Bluetooth v4.2.

Ultra M.2 32Gb/s (PCIe Gen3 x4 & SATA3)
The PCIe Gen3 x4 Ultra M.2 interface pushes data transfer speeds up to 32Gb/s. In addition, it also supports SATA3 6Gb/s M.2 modules.

Dual USB 3.2 Gen1 (Type-A + Type-C)
This motherboard has a pair of onboard Type-A and Type-C USB 3.2 Gen1 ports built on the rear i/o for supporting next generation USB 3.2 Gen1 devices and to deliver up to 5 Gbps data transfer rates.

Dual Graphics Outputs
Complete with two types of most used connectors! Packed with a HDMI + DisplayPort combo, you have more graphics output options now.

HDMI 4k @60Hz
Supports the most recent HDMI 4K 60Hz graphics output specification. With the larger bandwidth and increased frame rate, the motion on your screen becomes more fluid and less blurry.

Premium 60A Power Choke
Compared to traditional chokes, ASRock’s premium 60A power chokes effectively make the saturation current up to three times better, thus providing enhanced and improved Vcore voltage to the motherboard.

Dr. MOS
Dr.MOS is the integrated power stage solution which is optimized for synchronous buck-set down voltage applications! Intelligently delivering higher current and driving up to 50A continuous current for each phase, thus providing improved thermal result and superior performance.

High Density Glass Fabric PCB
High Density Glass Fabric PCB design that reduces the gaps between the PCB layers to protect the motherboard against electrical shorts caused by humidity.

Sapphire Black PCB
Pure black PCB appearance. The new Sapphire Black PCB represents rock-solid quality and gives the motherboard a more mysterious touch.

Full Spike Protection
Some sensitive digital components on the motherboard are vulnerable to power surges, the excessive current may cause your system to malfunction immediately. ASRock Full Spike Protection includes various technologies to prevent your motherboard's components from being damaged by these unexpected voltage spikes.

Live Update & APP Shop
ASRock Live Update & APP Shop is designed for your convenience. We provide various apps and support software for users to download. You can also easily optimize your system and keep your motherboard up to date with ASRock Live Update & APP Shop.

Zusammenfassung

A520 MOTHERBOARD FOR EVERYONE
All Essentials You Need For Computing

8 Power Phase Design
Featuring sturdy components and completely smooth power delivery to the CPU. Plus, it enhanced performance with the lowest temperature for advanced gamers.

Premium 60A Power Choke
Compared to traditional chokes, ASRock's premium 60A power chokes effectively make the saturation

RULE YOUR OWN LIGHTING WAY - POLYCHROME RGB
This motherboard features onboard RGB headers and an addressable RGB header that allow motherboard to be connected to compatible LED devices such as strip, CPU fans, coolers, chassis and so on. Users may also synchronize RGB LED devices across the Polychrome RGB Sync-certified accessories to create their own unique lighting effects.

Dual Band 802.11ac WiFi
No one has time for weak WiFi signals and sluggish internet! That's why this motherboard comes with a 802.11ac WiFi (2.4G / 5G WiFi) module which supports wireless networks and Bluetooth v4.2.

Ultra M.2 32Gb/s (PCIe Gen3 x4 & SATA3)
The PCIe Gen3 x4 Ultra M.2 interface pushes data transfer speeds up to 32Gb/s. In addition, it also supports SATA3 6Gb/s M.2 modules.

Dual USB 3.2 Gen1 (Type-A + Type-C)
This motherboard has a pair of onboard Type-A and Type-C USB 3.2 Gen1 ports built on the rear i/o for supporting next generation USB 3.2 Gen1 devices and to deliver up to 5 Gbps data transfer rates.

Dual Graphics Outputs
Complete with two types of most used connectors! Packed with a HDMI + DisplayPort combo, you have more graphics output options now.

HDMI 4k @60Hz
Supports the most recent HDMI 4K 60Hz graphics output specification. With the larger bandwidth and increased frame rate, the motion on your screen becomes more fluid and less blurry.

Premium 60A Power Choke
Compared to traditional chokes, ASRock's premium 60A power chokes effectively make the saturation current up to three times better, thus providing enhanced and improved Vcore voltage to the motherboard.

Dr. MOS
Dr.MOS is the integrated power stage solution which is optimized for synchronous buck-set down voltage applications! Intelligently delivering higher current and driving up to 50A continuous current for each phase, thus providing improved thermal result and superior performance.

High Density Glass Fabric PCB
High Density Glass Fabric PCB design that reduces the gaps between the PCB layers to protect the motherboard against electrical shorts caused by humidity.

Sapphire Black PCB
Pure black PCB appearance. The new Sapphire Black PCB represents rock-solid quality and gives the motherboard a more mysterious touch.

Full Spike Protection
Some sensitive digital components on the motherboard are vulnerable to power surges, the excessive current may cause your system to malfunction immediately. ASRock Full Spike Protection includes various technologies to prevent your motherboard's components from being damaged by these unexpected voltage spikes.

Live Update & APP Shop
ASRock Live Update & APP Shop is designed for your convenience. We provide various apps and support software for users to download. You can also easily optimize your system and keep your motherboard up to date with ASRock Live Update & APP Shop.

Asrock A520M-ITX/ac, AMD, Socket AM4, 3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 2nd Generation AMD Ryzen™ 7, 3rd..., DDR4-SDRAM, 64 GB, DIMM

Asrock A520M-ITX/ac. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: 3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 2nd Generation AMD Ryzen™ 7, 3rd.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III. Graphics card family: AMD, Graphics card: Radeon Vega. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H, Wi-Fi standards: Wi-Fi 5 (802.11ac)

Merkmale

BIOS

BIOS type	UEFI AMI

Logistics data

Harmonized System (HS) code	84733020

Packaging content

Cables included	SATA

Graphics

Graphics card family	AMD
Graphics card	Radeon Vega

Storage controllers

Supported storage drive interfaces	M.2, SATA III
Number of HDDs supported	5

Processor

Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 2nd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9

Features

Audio output channels	7.1 channels
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	AMD

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
VGA (D-Sub) ports quantity	1
HDMI ports quantity	1

Weight & dimensions

Width	230 mm
Depth	201 mm

Internal I/O

USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	1
Front panel audio connector	Y
ATX Power connector (24-pin)	Y
CPU fan connector	Y
Number of chassis fan connectors	2
Number of COM connectors	1

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	2
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	Y
Supported memory clock speeds	2133,2400,2667,2933,3200,3466,3733,3800,3866,4000,4133,4200,4266,4333,4400,4466 MHz
Maximum internal memory	64 GB

Network

Ethernet LAN	Y
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
Wake-on-LAN ready	Y
Wi-Fi	Y
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth	Y
Bluetooth version	4.2

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.