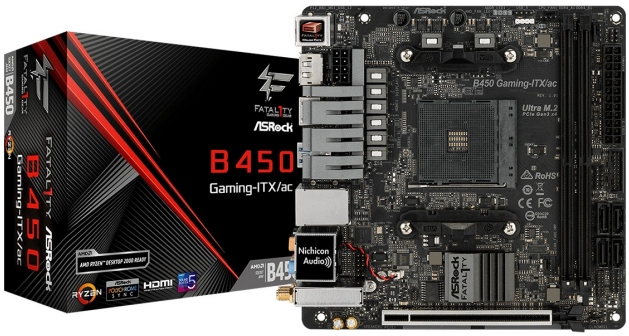
Asrock Fatal1ty B450 Gaming-ITX/ac



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Asrock

AMD StoreMI Technology

A powerful tool that combines the speed of your SSD with the capacity of your hard disk into a single, fast, easy-to-manage drive. SSDs are fast, but expensive, and offer minimal capacity. Mechanical hard drives boast large capacity for a low price, but are much slower than an SSD. AMD StoreMI technology “combines” these two types of storage into a single drive and automatically moves the data you access the most to the SSD, so you get the best of both worlds: SSD responsiveness, and mechanical hard disk capacity. You can also use up to 2GB of RAM as a last-level cache for ultra-fast data.

RULE YOUR OWN LIGHTING WAY - POLYCHROME RGB

In addition to the built-in RGB illumination, it also 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.

CREATIVE SOUND BLASTER CINEMA5

A new world of cinematic audio that delivers unprecedented levels of audio realism, dynamics and punch to gaming sound. Whether you’re gaming or watching a movie, Reality 3D technology lets you enable 5.1/7.1 surround sound for an additional layer of transience to your listening experience even with just a pair of headphones or stereo speakers.

Ultra M.2 32 Gb/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 3.1 Gen2 (Type-A + Type-C)

This motherboard has a pair of onboard Type-A and Type-C USB 3.1 Gen2 ports built on the rear i/o for supporting next generation USB 3.1 Gen2 devices and to deliver up to 10 Gbps data transfer rates.

Intel LAN

Intel LAN provides the best throughput performance, lower CPU utilization, enhanced stability and is able to deliver ultimate network experience to users!

2oz Copper

It comes with 2 ounces copper inner layers, using only carefully selected copper materials for PCB layers, delivering lower temperature and higher energy efficiency for overclocking.

PCI-E STEEL SLOTS

The advanced PCI-E Steel Slots packed with solid cover that prevent any signal interference with graphics cards. It also ensures the heavy graphics cards to be well-installed in the PCI-E slots safely.

Water Pump Header

This is not only a standard CPU fan header, but also supports water pumps! This header provides a maximum of 2A power for supporting the most popular water pumps. User also can adjust the voltage of water pump to get higher cooling performance with lower noise.

Fatal1ty Mouse Port

After plugging a USB mouse into the Fatal1ty Mouse Port and running F-Stream, gamers can choose their own preferred mouse polling rate from 125 Hz to 1000 Hz.

Gold Audio Jacks

Everything will wear off in time, but gold looks better! Gold audio jack provides stable sound transmission!

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

AMD StoreMI Technology

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Asrock Fatal1ty B450 Gaming-ITX/ac, AMD, Socket AM4, AMD Athlon, AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD..., 105 W, DDR4-SDRAM, 32 GB

Asrock Fatal1ty B450 Gaming-ITX/ac. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Athlon, AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD.... Supported memory types: DDR4-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Graphics card family: AMD, Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet, LAN controller: Intel® I211-AT, Wi-Fi standards: 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n). Component for: PC, Motherboard form factor: mini ITX, Motherboard chipset family: AMD

Merkmale

Expansion slots

PCI Express x16 (Gen 3.x) slots	2

Logistics data

Graphics

On-board graphics card	Y
Graphics card family	AMD
Maximum resolution	4096 x 2160 pixels
DirectX version	12.0
Discrete graphics support	Y

Memory

Harmonized System (HS) code	84733020

Other features

Quick installation guide	Y

Packaging content

Cables included	SATA
Bundled software	ASRock F-Stream, ASRock Polychrome RGB, ASRock Key Master, ASRock XFast LAN, ASRock Full HD UEFI, ASRock Instant Flash, ASRock Easy RAID Installer

Weight & dimensions

Width	170 mm
Depth	170 mm

Processor

Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	AMD Athlon, AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, 3rd Generation AMD Ryzen 5, AMD Ryzen™ 7, 2nd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9
Processor thermal power (max)	105 W

BIOS

BIOS type	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.1
Plug and Play	Y
System Management BIOS (SMBIOS) version	2.3

Supported memory types	DDR4-SDRAM
Number of memory slots	2
Memory slots type	DIMM
Memory channels	Dual-channel
Supported memory clock speeds	2133,2400,2667 MHz
Maximum internal memory	32 GB

Features

Motherboard chipset	AMD B450
Audio chip	Realtek ALC1220
Audio output channels	7.1 channels
Component for	PC
Motherboard form factor	mini ITX
Motherboard chipset family	AMD
Certification	FCC, CE, ErP/EuP

Internal I/O

USB 2.0 connectors	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors	1
Number of SATA III connectors	4
Front panel audio connector	Y
ATX Power connector (24-pin)	Y
CPU fan connector	Y
Number of chassis fan connectors	2
12V power connector	Y

Network

Ethernet LAN	Y
Ethernet interface type	Gigabit Ethernet
LAN controller	Intel® I211-AT
Wake-on-LAN ready	Y
Wi-Fi	Y
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	Y
Bluetooth version	4.2

Rear panel I/O ports

USB 2.0 ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
PS/2 ports quantity	1
HDMI ports quantity	1
DisplayPorts quantity	1

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