ComX Computers
Product Specification Sheet

B550M BAZOOKA

MSI B550M Bazooka AMD Ryzen 3rd Gen Socket AM4 mATX Motherboard

Product Overview

MSI B550M Bazooka AMD Ryzen 3rd Gen Socket AM4 mATX Motherboard, AMD B550 Chipset, 4 DIMM slots, 128GB Maximum Memory, 1x PCI-e x16, 2x PCI-e x1, 4x SATA 6Gb/s ports, 2x M.2 slot, RAID, 1x Realtek RTL8111HN Gigabit LAN, USB 3.2 ports, USB 2.0 ports, Audio ports, DisplayPort, HDMI, Crossfire, 7.1-channel high definition audio











Specifications

Overview:

MAG B550M BAZOOKA

- Support for 3rd Gen AMD Ryzen Processors and future AMD Ryzen processors with BIOS update
- Supports DDR4 Memory, up to 4400+(OC) MHz
- Lightning Fast Game experience: PCIe 4.0, Lightning Gen 4 x4 M.2 with M.2 Shield Frozr
- Premium Thermal Solution: Extended Heatsink Design with additional choke thermal pad rated for 7W/mk and PCB with 2oz thickened copper are built for high performance system and non-stop gaming experience.
- Gigabit LAN with LAN Manager: Upgraded network solution for professional and multimedia use. Delivers a secure, stable and fast network connection
- Enhanced Power Design: 4+2+1 Duet Rail Power System, Digital PWM, Core Boost, DDR4 Boost.
- Audio Boost: Reward your ears with studio grade sound quality for the most immersive gaming experience.
- Flash BIOS Button with Optmized ClearCMOS Function: Simply use a USB key to flash any BIOS within seconds. Restore the BIOS to the default settings without any additional actions.

Features:

Conquer the Battlefield

The MAG series was born through rigorous quality testing and designed to be a symbol of sturdiness and durability. Focused on providing the best user experience, the MAG series has a simple installation process coupled with a friendly user interface making it the best choice for entry level gamers.

PREMIUM HARDWARE DESIGN

With years of experience, MSI is no stranger to building high-performance motherboards. Our R&D and engineering teams have reviewed countless designs, evaluated a wide selection of high quality components, and developed products for reliability even under extreme conditions.

THERMAL SOLUTION FOR MORE CORES AND HIGHER PERFORMANCE

With more cores processors, thermal and power design is more important to make sure the temperature keeps lower. MSI extended PWM heatsink and enhanced circuit design ensures even high-end CPU to run in full speed with MSI motherboards.

ENHANCED PERFORMANCE

High performance MSI motherboards are loaded with advanced features and the latest technology to overwhelm any challenge at hand no matter whether youre a gamer, prosumer, or PC enthusiast.

LIGHTNING GEN 4 M.2

Utilizing 3rd Gen Ryzen processors, MSI B550 motherboards feature latest Lightning Gen 4 M.2 which is the fastest onboard storage solution on the market with up to 64 Gb/s transfer speed.

CONNECTIVITY

MSI motherboards are built with a variety of connectors to satisfy gamers. Enhanced audio, advanced LAN networking capabilities, USB and Mystic Light turn any gaming experience into an immerse one.

OPTIMIZE ONLINE GAMING TRAFFIC FOR LOWER LATENCY!

MSI LAN Manager automatically classifies and prioritizes the latency-sensitive applications for online games, giving you the best online gaming experience with low latency.

Specifications:

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Specifications

Product Code	B550M BAZOOKA
Quick Spec	
Socket	AM4
CPU (Max Support)	RYZEN 9
Chipset	AMD B550 Chipset
DDR4 Memory	4400(OC)/ 4300(OC)/ 4266(OC)/ 4200(OC)/ 4133(OC)/ 4000(OC)/ 3866(OC)/ 3733(OC)/ 3600(OC)/ 3466(OC)/ 3400(OC)/ 3333(OC)/ 3300(OC)/ 3200(JEDEC)/ 3000(JEDEC)/ 2933(JEDEC)/ 2666(JEDEC)/ 2400(JEDEC)/ 2133(JEDEC) MHz
Memory Channel	Dual
DIMM Slots	4
Max Memory (GB)	128
PCI-E x16	1
PCI-E x1	2
SATAIII	4
M.2 Slot	2
RAID	0/1/10
LAN	1x Realtek RTL8111HN Gigabit LAN
USB 3.2 ports (Front)	1(Gen 1, Type C), 2(Gen 1, Type A)
USB 3.2 ports (Rear)	4(Gen 1, Type A)
USB 2.0 ports (Front)	4
USB 2.0 ports (Rear)	2
Audio ports (Rear)	3x HD Audio jacks (Realtek ALC892 Codec)
DisplayPort	1
HDMI	1
DirectX	12
Form Factor	Micro-ATX
CrossFire	Y
Operating System	Support for Windows 10 64-bit
Detailed Spec	
CPU	Supports AM4 socket 3rd Gen AMD Ryzen processors, and future AMD Ryzen processors with BIOS update
Chipset	AMD B550 Chipset

Memory	4x DDR4 memory slots, support up to 128GB
	Supports DDR4 1866/ 2133/ 2400/ 2667/ 2800/ 2933/ 3000/ 3066/ 3200 MHz by JEDEC
	Supports DDR4 2667/ 2800/ 2933/ 3000/ 3066/ 3200/ 3466/ 3600/ 3733/ 3866/ 4000/ 4133/ 4266/ 4400+ MHz by A-XMP OC MODE
	1DPC 1R max speed 4400 MHZ
	1DPC 2R max speed 3733 MHZ
	2DPC 1R max speed 3866 MHZ
	2DPC 2R max speed 3466 MHZ
	Dual channel memory architecture
	Supports non-ECC UDIMM memory
	Supports ECC UDIMM memory (non-ECC mode)
	Supports un-buffered memory
Expansion Slot	1x PCIe 3.0/ 4.0 x16 slot (PCI_E1)
	2x PCIe 3.0 x1 slots
	1. The supported specification depends on installed processor.
Onboard Graphics	1x HDMI 2.1 port, supports a maximum resolution of 4096x2160 @60Hz
	1x DisplayPort, supports a maximum resolution of 4096x2160 @60Hz
	Maximum shared memory of 16 GB
	1. Available for the processor with integrated graphics.
	2. Graphics specifications may vary depending on the CPU installed.
Storage	AMD B550 Chipset
	4x SATA 6Gb/s ports
	2x M.2 slots (Key M)
	M2_1 slot (from AMD processor)
	Supports PCIe 4.0/ 3.0 x4
	Supports SATA 6Gb/s
	Supports 2242/ 2260/ 2280 storage devices
	M2_2 slot (from AMD B550 chipset)
	Supports PCIe 3.0x4
	Supports 2242/ 2260/ 2280 storage devices
	1. The supported specification depends on installed processor.
RAID	AMD B550 Chipset
	Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices
	Supports RAID 0 and RAID 1 for M.2 NVMe storage devices

USB	AMD B550 Chipset
	3x USB 3.2 Gen 1 5Gbps ports (1 Type-C internal connector, and 2 ports are available through the internal USB 3.2 Gen 1 5Gbps connector)
	6x USB 2.0 ports (2 Type-A ports on the back panel, 4 ports through the internal USB 2.0 connectors)
	AMD Processor
	4x USB 3.2 Gen 1 5Gbps Type-A ports (4 Type-A ports on the back panel)
Audio	Realtek ALC892 Codec
	7.1-Channel High Definition Audio
LAN	1x Realtek RTL8111HN 1Gbps LAN controller
Internal connectors	1x 24-pin ATX main power connector
	1x 8-pin ATX 12V power connector
	4x SATA 6Gb/s connectors
	2x M.2 slots (M-Key)
	1x USB 3.2 Gen 1 5Gbps Type-C port
	1x USB 3.2 Gen 1 5Gbps connector (supports additional 2 USB 3.2 Gen 1 5Gbps ports)
	2x USB 2.0 connectors (supports additional 4 USB 2.0 ports)
	1x 4-pin CPU fan connector
	1x 4-pin water-pump fan connector
	3x 4-pin system fan connectors
	1x Front panel audio connector
	2x System panel connectors
	1x Serial port connector
	1x Chassis Intrusion connector
	2x 4-pin RGB LED connector
	2x 3-pin RAINBOW LED connectors
	1xTPM module connector
	1x Clear CMOS jumper
Back panel ports	1. USB 3.2 Gen 1 5Gbps Type A
	2. PS/2 Combo Port
	3. Gigabit LAN Port
	4. Flash BIOS Button
	5. DisplayPort
	6. HDMI
	7. USB 2.0 port
	8. USB 3.2 Gen 1 5Gbps Type A
	9. HD Audio Connectors

I/O Controller	NUVOTON NCT6687-R Controller Chip
Dimensions	Micro-ATX Form Factor
	9.6 in. x 9.6 in. (24.4 cm x 24.4 cm)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/B550M-BAZOOKA-MSI-B550M-Bazooka-AMD-Ryzen-3rd-Gen-Socket-AM4-mATX-Motherboard-p-245931.php

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