



# ASUS Republic of Gamers Strix Z490-I Gaming LGA 1200 Mini-ITX Motherboard

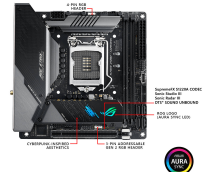
\$279.95

## Product Images



## Play Your Own Style

Mini-ITX Form Factor, Cyberpunk-inspired Aesthetics, AURA Sync RGB lighting,  
Addressable Gen 2 RGB Headers, Immersive Gaming Audio



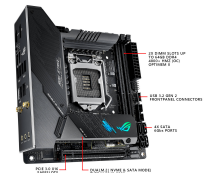
### Enhanced Power & Comprehensive Cooling

Featuring 8+2 DrMOS Power Stages, Embedded VRM Fan, VRM Heatsink & Triple-decker M.2 Heatsink, Multi Fan Headers



Built for Performance Gaming

4x DIMM 128GB DDR4, 4x M.2 NVMe SSD 2 from ROG DIMM2,  
2x USB3.2 Gen 2 Front Panel Connectors, Bundled Thunderbolt 3 Extension Card



## What's in the Box

Exclusive ROG Strix Z490-I Gaming Bundle



## Short Description

Powered exclusively by 10th Generation Intel Core processors, the Republic of Gamers Strix Z490-I Gaming LGA 1200 Mini-ITX Motherboard from ASUS provides the backbone for your mini-ITX build. It features Wi-Fi 6 (802.11ax), boosted power delivery, active cooling, a triple-decker heatsink, and more. This motherboard supports the LGA 1200 socket and Intel Z490 chipset, and is compatible with Windows.

## Description

Powered exclusively by 10th Generation Intel Core processors, the Republic of Gamers Strix Z490-I Gaming LGA 1200 Mini-ITX Motherboard from ASUS provides the backbone for your mini-ITX build. It features Wi-Fi 6 (802.11ax), boosted power delivery, active cooling, a triple-decker heatsink, and more. This motherboard supports the LGA 1200 socket and Intel Z490 chipset, and is compatible with Windows.

The mini-ITX form factor of the ROG Strix Z490-I Gaming can support up to 64GB of DDR4 RAM over two slots, or 32GB per slot at speeds of up to 4800 MHz. For storage, there are four SATA III 6 Gb/s ports and two M.2 2280 slots, both of which support SATA and PCIe 3.0 x4 SSDs.

There is also one USB 3.2 Gen 2 Type-C port (rear panel), three USB 3.2 Gen 2 Type-A ports (rear panel), two USB 3.2 Gen 1 Type-A ports (rear panel), two USB 2.0 Type-A ports (rear panel), one USB 3.2 Gen 2 Type-C connector (front panel), plus additional internal USB headers that support USB 3.2 Gen 1 and USB 2.0. For those looking to expand their system using PCIe, there is one PCIe 3.0 x16 SafeSlot. For delivering sharp, clear graphics, this motherboard has integrated HDMI 2.0a and DisplayPort 1.4 outputs.

Using the ROG SupremeFX S1220 HD audio codec, the ROG Strix Z490-I Gaming can support audio with higher fidelity than standard controllers. This motherboard is also equipped with features such as Aura Sync, Aura RGB Headers, Sonic Radar III, Sonic Studio III, RAMCache III, UEFI BIOS, 2.5 Gigabit Ethernet, dual-band Wi-Fi 6 (802.11ax), Bluetooth 5.1, and more. This motherboard is protected by a limited 3-year warranty.





### General Features

#### Intel LGA 1200 Socket

This motherboard is designed to unleash the performance of 10th Gen Intel Core processors.

#### Robust Power Solution

The ROG Strix Z490-I Gaming features 8+2 power stages with a ProCool II power connector, high-quality alloy chokes, and durable capacitors to provide reliable power even when the CPU is pushed to its limit.

#### Optimized Thermal Design

An embedded custom Delta Superflo VRM fan, MOS heatsink, L-shaped heat pipe, and fan headers feature low-noise AI cooling to balance thermals and acoustics by reducing fan speeds and maintaining a 41°F / 5°C delta.

#### High-Performance Gaming Network

Network connectivity includes Intel 2.5Gb Ethernet and Wi-Fi 6 (802.11ax) with ASUS LanGuard.

#### Gaming Connectivity

Users will be able to take advantage of HDMI 2.0a, DisplayPort 1.4, dual M.2 slots, and front panel USB 3.2 Gen 2 Type-C connectivity.

#### Gaming Audio

Experience high-fidelity audio with the SupremeFX S1220A codec, DTS Sound Unbound, and Sonic Studio III draws you deeper into the game action.

#### Personalization

ASUS-exclusive Aura Sync RGB lighting, including RGB headers and Gen 2 addressable headers provide a customizable look.

## Specifications

---

### ASUS Strix Z490-i Specs

#### CPU

Chipset      Intel Z490

CPU Socket    LGA 1200

## Back Panel I/O

USB	1 x USB 3.1 / USB 3.2 Gen 2 Type-C 3 x USB 3.1 / USB 3.2 Gen 2 Type-A 2 x USB 3.1 / USB 3.2 Gen 1 Type-A 2 x USB 2.0 Type-A
-----	--

Display	1 x HDMI 2.0a 1 x DisplayPort 1.4
---------	--------------------------------------

Ethernet / Controller	1 x Intel I225V 2.5Gigabit
-----------------------	----------------------------

## Memory

Memory Slots	2 x 288-Pin
--------------	-------------

Memory Support	DDR4 4800 MHz
----------------	---------------

Maximum Capacity	64 GB
------------------	-------

## Storage Expansion

SATA	6 x SATA III
------	--------------

M.2	2 x M Key 2242, 2260, 2280, 22110 (PCIe 3.0 x4, SATA III)
-----	---

U.2	<i>None</i>
-----	-------------

## Internal I/O

Expansion Slots	1 x PCIe 3.0 x16
-----------------	------------------

USB	2 x USB 3.1 / USB 3.2 Gen 1 Header (Supports 4 USB Type-A Port) 2 x USB 2.0 Header (Supports 4 USB Type-A Port)
-----	--

Multi-GPU Support	<i>None</i>
-------------------	-------------

LED Header	1 x RGB
------------	---------

## Front Panel I/O

I/O Connection Headers	USB 3.1 / USB 3.2 Gen 2
------------------------	-------------------------

## Audio

Audio Codec	SupremeFX S1220A (8-Channel)
-------------	------------------------------

## Wireless

Bluetooth	5.1
-----------	-----

Wi-Fi	Wi-Fi 6 (802.11ax)
-------	--------------------

## Physical

Form Factor	Mini-ITX
-------------	----------

## Packaging Info

Package Weight	2.89 lb
----------------	---------

Box Dimensions (LxWxH)	9 x 7.3 x 3.8"
------------------------	----------------

## Additional Information

---

Brand	ASUS
SKU	ROG STRIX Z490-I GAMING
Weight	6.0000
Processor Manufacturer	Intel
Chipset	Z490

