ASUS

ASUS ROG STRIX Z590-A GAMING WIFI Intel Z590 LGA 1200 (Socket H5) ATX

Brand : ASUS

Product code: 90MB1660-M0EAY0

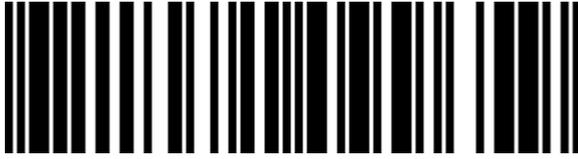**Product name :** ROG STRIX Z590-A GAMING WIFI

ATX, Intel Z590 chipset, Socket LGA 1200, 4xDDR4 DIMM slots, 7.1ch audio, 2.5-Gigabit LAN, Wi-Fi, ARGB
ASUS ROG STRIX Z590-A GAMING WIFI. Processor manufacturer: Intel, Processor socket: LGA 1200 (Socket H5), Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Maximum resolution: 5120 x 2880 pixels. USB connector type: USB Type-A, USB Type-C

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1200 (Socket H5)
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G
Supported processor sockets	LGA 1200 (Socket H5)

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Non-ECC	✓
Supported memory clock speeds	4267,2133,2400,2666,2800,2933,3200,3333,3400,3466,3600,3733,3866,4000,4133,4400,4500,4600,4800,5000,5133,5333 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of storage drives supported	9

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	5120 x 2880 pixels

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
Number of SATA III connectors *	6
S/PDIF out connector	✓
Front panel audio connector	✓
ATX Power connector (24-pin)	✓
Power fan connector	✓
CPU fan connector	✓
Number of chassis fan connectors	4
Peripheral (Molex) power connectors (4-pin)	7
EPS power connector (8-pin)	✓

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	5
WiFi-AP antenna jack	1
USB connector type	USB Type-A, USB Type-C

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Intel I225-V
Wake-on-LAN ready	✓
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
WLAN controller model	Intel Wi-Fi 6 AX200
Bluetooth	✓
Bluetooth version	5.0

Features

Motherboard chipset *	Intel Z590
Audio chip	Realtek ALC4080
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64

Internal I/O

TPM connector	✔
Thunderbolt headers	1
12V power connector	✔
RGB LED pin header	✔

Rear panel I/O ports

USB 2.0 ports quantity *	5
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4

Expansion slots

PCI Express x4 slots	1
PCI Express x16 (Gen 4.x) slots	3
Number of M.2 (M) slots	3

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS jumper	✔
Clear CMOS button	✔

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	305 mm
Depth	244 mm
Height	68 mm

Packaging content

Cables included	SATA, USB
Drivers included	✔

Other features

Weight	1.36 kg

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