

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		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor socket *	LGA 1200 (Socket H5)	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G	HDMI ports quantity *	1
Supported processor sockets	LGA 1200 (Socket H5)	HDMI version	2.0
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels Non-ECC Supported memory clock speeds MHz Maximum internal memory * Unbuffered memory	DDR4-SDRAM	DisplayPorts quantity	1
	4	DisplayPort version	1.4
	DIMM	Headphone outputs	5
	Dual-channel	Wi-Fi-AP antenna jack	1
	✓	USB connector type	USB Type-A, USB Type-C
	4267, 2133, 2400, 2666, 2800, 2933, 3200, 3333, 3400, 3466, 3600, 3733, 3866, 4000, 4133, 4400, 4500, 4600, 4800, 5000, 5133, 5333	Network	
	128 GB	Ethernet LAN	✓
	✓	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		LAN controller	Intel I225-V
Supported storage drive types	HDD & SSD	Wake-on-LAN ready	✓
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi *	✓
Number of storage drives supported	9	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Graphics		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Parallel processing technology support *	Not supported	WLAN controller model	Intel Wi-Fi 6 AX200
Maximum resolution	5120 x 2880 pixels	Bluetooth	✓
Internal I/O		Bluetooth version	5.0
USB 2.0 connectors *	2	Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset *	Intel Z590
Number of SATA III connectors *	6	Audio chip	Realtek ALC4080
S/PDIF out connector	✓	Audio output channels *	7.1 channels
Front panel audio connector	✓	Component for *	PC
ATX Power connector (24-pin)	✓	Motherboard form factor *	ATX
Power fan connector	✓	Motherboard chipset family *	Intel
CPU fan connector	✓	Windows operating systems supported	Windows 10 x64
Number of chassis fan connectors	4		
Peripheral (Molex) power connectors (4-pin)	7		
EPS power connector (8-pin)	✓		

Internal I/O		Expansion slots	
TPM connector	✓	PCI Express x4 slots	1
Thunderbolt headers	1	PCI Express x16 (Gen 4.x) slots	3
12V power connector	✓	Number of M.2 (M) slots	3
RGB LED pin header	✓	BIOS	
Rear panel I/O ports		BIOS type *	UEFI AMI
USB 2.0 ports quantity *	5	BIOS memory size	256 Mbit
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4	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



4711081099659

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 02-JUN-2024. Prints or copies of Information are only valid on the printed Publication date