

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

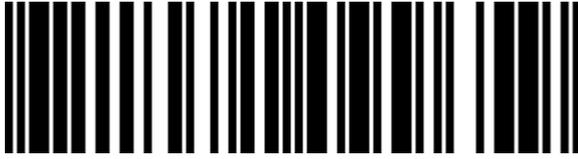
ATX, Intel Z590 chipset, Socket LGA 1200, 4xDDR4 DIMM slots, 7.1ch audio, 2.5-Gigabit LAN, Wi-Fi, ARGB

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



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