

ASUS ROG STRIX Z490-A Gaming Intel Z490 LGA 1200 (Socket H5) ATX

Brand : ASUS

Product code: 90MB12Y0-M0EAY0

Product name : ROG STRIX Z490-A Gaming

- Up to 5.3 GHz clock speed with Intel Thermal Velocity Boost
- Intel Turbo Boost Max Technology 3.0
- Memory Support with DDR4-2933
- Up to 10 cores and 20 threads
- Intel Hyper-Threading Technology from the Intel Core i9 to the Intel Core i3 desktop processor
- New 2.5 G Ethernet
- New Wi-Fi 6 (Gig+)

Intel Z490, Socket 1200, 4x DDR4 DIMM, 2.5G LAN, PCI Express 3.0 x16, M.2, SATA III, S/PDIF, DP, HDMI, USB 3.2, ATX, 305x244 mm

ASUS ROG STRIX Z490-A Gaming. 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®. 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, RAID levels: 0, 1, 5, 10. Parallel processing technology support: 2-Way CrossFireX, Maximum resolution: 4096 x 2304 pixels. HDMI version: 1.4b



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	LGA 1200 (Socket H5)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Maximum number of SMP processors	1	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI version	1.4b
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.4
Memory channels	Dual-channel	Headphone outputs	1
ECC compatibility	Non-ECC	Microphone in	✓
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4400,4500,4600,4800 MHz	S/PDIF out port	✓
Maximum internal memory *	128 GB	Digital audio optical out	1
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive interfaces *	M.2, SATA III	LAN controller	Intel I225-V
RAID levels	0, 1, 5, 10	Wake-on-LAN ready	✓
Graphics		Wi-Fi *	✗
Parallel processing technology support *	2-Way CrossFireX	Features	
Maximum resolution	4096 x 2304 pixels	Motherboard chipset *	Intel Z490
Internal I/O		Audio chip	SupremeFX S1220A
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		

Internal I/O		Features	
Number of SATA III connectors *	6	Audio output channels *	8 channels
ATX Power connector (24-pin)	✓	Component for *	PC
CPU fan connector	✓	Motherboard form factor *	ATX
Number of chassis fan connectors	2	Motherboard chipset family *	Intel
TPM connector	✓	Expansion slots	
Thunderbolt headers	1	PCI Express x1 (Gen 3.x) slots	1
12V power connector	✓	PCI Express x4 slots	1
RGB LED pin header	✓	PCI Express x16 (Gen 3.x) slots	3
Rear panel I/O ports		Number of M.2 (M) slots	2
USB 2.0 ports quantity *	2	BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	192 Mbit
		Clear CMOS jumper	✓
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA



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