



ASUS ROG STRIX Z490-E GAMING Intel Z490 LGA 1200 ATX

Brand : ASUS

Product code: 90MB12P0-M0EAY0

Product name : ROG STRIX Z490-E GAMING

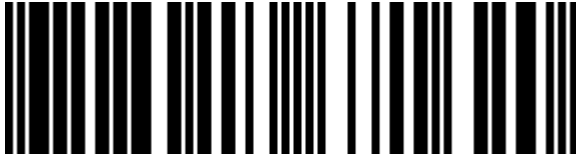


Intel Z490, Socket 1200, 4 x DIMM, Max. 128GB, DDR4, Intel I225-V, Bluetooth 5.1, SupremeFX S1220A, Windows, ATX

ASUS ROG STRIX Z490-E GAMING. Processor manufacturer: Intel, Processor socket: LGA 1200, 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 SLI, 3-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 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor socket *	LGA 1200	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	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
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	S/PDIF out port	✓
Maximum internal memory *	128 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	LAN controller	Intel I225-V
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi *	✓
RAID levels	0, 1, 5, 10	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		Bluetooth	✓
Parallel processing technology support *	2-Way SLI, 3-Way CrossFireX	Bluetooth version	5.1
Maximum resolution	4096 x 2304 pixels	Features	
Internal I/O		Motherboard chipset *	Intel Z490
USB 2.0 connectors *	2	Audio chip	SupremeFX S1220A
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Audio output channels *	8.0 channels
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Component for *	PC
Number of SATA III connectors *	6	Motherboard form factor *	ATX
ATX Power connector (24-pin)	✓	Motherboard chipset family *	Intel
Number of EATX power connectors	1		
CPU fan connector	✓		

Internal I/O		Features	
Number of chassis fan connectors	2	Windows operating systems supported	Windows 10 x64
EPS power connector (8-pin)	✓		
Thunderbolt headers	1		
Rear panel I/O ports		Expansion slots	
USB 2.0 ports quantity *	4	PCI Express x1 (Gen 3.x) slots	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	PCI Express x4 (Gen 2.x) slots	1
		PCI Express x16 (Gen 3.x) slots	2
		Number of M.2 (M) slots	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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