

ASUS ROG STRIX Z390-F GAMING Intel Z390 LGA 1151 (Socket H4) ATX

Brand : ASUS

Product code: 90MB0YG0-M0EAY0

Product name : ROG STRIX Z390-F GAMING

- LGA1151 socket for 9th/ 8th Gen Intel® Core™ desktop processors
 - Aura Sync RGB: Synchronize LED lighting with a vast portfolio of compatible PC gear, including addressable RGB strips
 - Comprehensive cooling: Onboard M.2 heatsink, water-pump header and a fan-extension header
 - 5-Way Optimization: Automated system-wide tuning, providing AI overclocking and cooling profiles tailor-made for your rig
 - Gaming connectivity: Dual M.2 and USB 3.1 Gen 2 Type-A and Type-C connectors
 - Gaming networking: Intel Gigabit Ethernet, LANGuard and GameFirst
 - Gaming audio: SupremeFX S1220A teams with Sonic Studio III to create an aural landscape that draws you deeper into the action
 - Easy DIY: Pre-mounted I/O shield, ASUS SafeSlot and premium components for maximum endurance
- Intel Z390, 4 x DIMM, Max. 64GB, DDR4, SLI/CrossFireX, Intel I219V, USB 3.1, 128Mb BIOS, ATX



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor socket *	LGA 1151 (Socket H4)	DisplayPorts quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Pentium®	Headphone outputs	1
Memory		Microphone in	✓
Supported memory types *	DDR4-SDRAM	S/PDIF out port	✓
Number of memory slots *	4	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	LAN controller	Intel® I219-V
ECC compatibility	Non-ECC	Features	
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3300,3333,3400,3466,3600,3733,3866,4000,4133,4266 MHz	Motherboard chipset *	Intel Z390
Maximum internal memory *	64 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	Component for *	PC
Storage controllers		Motherboard form factor *	ATX
RAID levels	0, 1, 5, 10	Motherboard chipset family *	Intel
Graphics		Windows operating systems supported	Windows 10
Parallel processing technology support *	2-Way SLI, 3-Way CrossFireX	Expansion slots	
Graphics card family	Intel	PCI Express x1 (Gen 3.x) slots	3
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 3.x) slots	3
Internal I/O		Number of M.2 (M) slots	2
USB 2.0 connectors *	2	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	BIOS type *	UEFI AMI
Number of SATA III connectors *	6	BIOS memory size	16 Mbit
ATX Power connector (24-pin)	✓	ACPI version	6.1
Number of EATX power connectors	1	Clear CMOS jumper	✓
CPU fan connector	✓	Rear panel I/O ports	
Number of chassis fan connectors	2	USB 2.0 ports quantity *	2

Rear panel I/O ports		Processor special features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Intel® Turbo Boost Technology	2.0
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Intel Extreme Memory Profile (XMP)	✓
Ethernet LAN (RJ-45) ports *	1	Intel® Quick Sync Video Technology	✓
		Intel® Insider™	✓
		Intel® InTru™ 3D Technology	✓
		Intel® Optane™ Memory Ready	✓
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm



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