

ASUS ROG STRIX Z690-G GAMING WIFI Intel Z690 LGA 1700 micro ATX

Brand : ASUS

Product code: 90MB19G0-M0EAY0

Product name : ROG STRIX Z690-G GAMING WIFI

Intel® Z690 LGA 1700 ATX motherboard with PCIe® 5.0, 14+1 DrMos, DDR5 memory support, Two-Way AI Noise Cancellation, AI Overclocking, AI Cooling, AI Networking, WiFi 6E (802.11ax), Intel® 2.5 Gb Ethernet, three M.2 slots with heatsinks, PCIe® 4.0 NVMe® SSD support, M.2 backplates, USB 3.2 Gen 2x2 Type-C®, SATA and AURA Sync RGB lighting



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	LGA 1700	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
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.4
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Microphone in	✓
Non-ECC	✓	S/PDIF out port	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000 MHz	Network	
Maximum internal memory *	128 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported storage drive interfaces *	M.2, SATA	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
RAID support	✓	Bluetooth	✓
RAID levels	0, 1, 5, 10	Bluetooth version	5.2
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	Intel Z690
Internal I/O		Audio chip	Realtek ALC4080
USB 2.0 connectors *	2	Audio output channels *	7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard form factor *	micro ATX
Number of SATA III connectors *	6	Motherboard chipset family *	Intel
Front panel audio connector	✓	Windows operating systems supported	Windows 10, Windows 11
ATX Power connector (24-pin)	✓	Expansion slots	
Power fan connector	✓	PCI Express x1 (Gen 3.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	3	Number of M.2 (M) slots	3
Peripheral (Molex) power connectors (4-pin)	1	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit

Internal I/O		Logistics data	
TPM connector	✓	Harmonized System (HS) code	84733020
Thunderbolt headers	1	Weight & dimensions	
12V power connector	✓	Width	244 mm
RGB LED pin header	✓	Depth	244 mm
Rear panel I/O ports		Packaging content	
USB 2.0 ports quantity *	2	Cables included	SATA
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Drivers included	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Other features	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Weight	1.2 kg
		Packaging content	4 x SATA 6Gb/s cables 1 x ASUS Wi-Fi moving antennas 1 x Cable ties pack 1 x M.2 Rubber Package 1 x M.2 Q-Latch package 1 x M.2 Q-Latch package for M.2 backplate 1 x ROG key chain 1 x ROG Strix stickers 1 x ROG Strix thank you card 1 x Support DVD 1 x User manual



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