

ASUS ROG STRIX Z690-E GAMING WIFI Intel Z690 LGA 1700 ATX

Brand : ASUS

Product code: 90MB18J0-M0EAY0

Product name : ROG STRIX Z690-E GAMING WIFI

Intel® Z690 LGA 1700 ATX motherboard with PCIe® 5.0, 18+1 power stages, DDR5, Two-Way AI Noise Cancellation, WiFi 6E, Intel® 2.5 Gb Ethernet, five M.2 slots with heatsinks (including two on the bundled ROG Hyper M.2 card), PCIe® 5.0 NVMe® SSD support, M.2 Combo-Sink, M.2 backplate, PCIe® Slot Q-Release, 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
Supported processor sockets	LGA 1700	HDMI version	2.1
Memory		DisplayPorts quantity	1
Supported memory types *	DDR5-SDRAM	DisplayPort version	1.4
Number of memory slots *	4	Headphone outputs	1
Memory slots type	DIMM	Line-in	✓
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	Non-ECC	S/PDIF out port	✓
Supported memory clock speeds	6200,4800,5000,5200,5400,5600,5800,6000 MHz	Network	
Maximum internal memory *	192 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 6 (802.11ax), 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
On-board graphics card	✗	Audio output channels *	7.1 channels
Internal I/O		Product colour	Black
USB 2.0 connectors *	2	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard form factor *	ATX
USB 3.2 Gen 2x2 connectors	1	Motherboard chipset family *	Intel
Number of SATA III connectors *	6	Windows operating systems supported	Windows 10, Windows 11
Front panel audio connector	✓	Expansion slots	
ATX Power connector (24-pin)	✓	PCI Express x1 (Gen 3.x) slots	1
Power fan connector	✓	PCI Express x16 (Gen 3.x) slots	1

Internal I/O		Expansion slots	
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	5	PCI Express x16 (Gen 5.x) slots	1
EPS power connector (8-pin)	✓	Number of M.2 (M) slots	3
Number of COM connectors	1	BIOS	
TPM connector	✓	BIOS type *	UEFI AMI
Thunderbolt headers	1	BIOS memory size	256 Mbit
12V power connector	✓	Logistics data	
RGB LED pin header	✓	Harmonized System (HS) code	84733020
Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	4	Width	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Depth	244 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Height	110 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	1.54 kg



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