

Gigabyte Z690 AERO G DDR4 motherboard Intel Z690 LGA 1700 ATX

Brand : Gigabyte

Product code: Z690 AERO G DDR4

Product name : Z690 AERO G DDR4

LGA 1700, Intel Z690 Chipset, 4 x DDR4-SDRAM up to 128GB, LAN, WLAN, 1 x RJ-45, 6 x SATA III, UEFI AMI, ATX

Gigabyte Z690 AERO G DDR4. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6 (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac)



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 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC Non-ECC Supported memory clock speeds Maximum internal memory * Unbuffered memory	DDR4-SDRAM	USB 3.2 Gen 2x2 Type-C ports quantity	1
	4	Ethernet LAN (RJ-45) ports *	1
	DIMM	HDMI ports quantity *	1
	Dual-channel	DisplayPorts quantity	1
	✓	S/PDIF out port	✓
	✓	Network	
	2133,2400,2800,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✓
Supported storage drive interfaces *	M.2, SATA	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
RAID support	✓	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac)
RAID levels	0, 1, 5, 10	Bluetooth	✓
Graphics		Bluetooth version	5.2
Maximum resolution	4096 x 2160 pixels	Features	
HDCP	✓	Motherboard chipset *	Intel Z690
Internal I/O		Audio output channels *	7.1 channels
USB 2.0 connectors *	2	PC health monitoring	Fan, Temperature, Voltage, Water cooling
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 *	ATX
Number of SATA III connectors *	6	Motherboard chipset family *	Intel
Front panel audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Front panel connector	✓	Expansion slots	
ATX Power connector (24-pin)	✓	PCI Express x16 slots	3
CPU fan connector	✓		
Number of chassis fan connectors	1		
Peripheral (Molex) power connectors (4-pin)	1		
EPS power connector (8-pin)	✓		

Rear panel I/O ports		BIOS	
USB 2.0 ports quantity *	2	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		ACPI version	5.0
		Clear CMOS jumper	✓
		Desktop Management Interface (DMI) version	2.7
		System Management BIOS (SMBIOS) version	2.7
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm



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