

GIGABYTE Z690I AORUS ULTRA DDR4 motherboard Intel Z690 LGA 1700 Micro ITX

Brand : GIGABYTE

Product code: Z690I AORUS ULTRA DDR4

Product name : Z690I AORUS ULTRA DDR4

LGA 1700, Intel Z690 Express Chipset, 2 x DDR4-SDRAM up to 64GB, LAN, WLAN, 1 x RJ-45, 4 x SATA III, UEFI AMI, Micro ITX

GIGABYTE Z690I AORUS ULTRA 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: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 5.0, 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 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)



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 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	DisplayPorts quantity	1
Number of memory slots *	2	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	2.5 Gigabit Ethernet
ECC compatibility	ECC & Non-ECC	Wi-Fi *	✓
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000 MHz	Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Maximum internal memory *	64 GB	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Unbuffered memory	✓	WLAN controller model	Intel Wi-Fi 6 AX201
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.2
Supported storage drive interfaces *	M.2, PCI Express 5.0, SATA	Features	
RAID support	✓	Motherboard chipset *	Intel Z690
RAID levels	0, 1, 5, 10	Audio output channels *	2.0 channels
Graphics		PC health monitoring	Fan, Temperature, Voltage, Water cooling
Maximum resolution	4096 x 2160 pixels	Component for *	PC
HDCP	✓	Motherboard form factor *	Micro ITX
Internal I/O		Motherboard chipset family *	Intel
USB 2.0 connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 slots	1
Number of SATA III connectors *	4	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		BIOS	
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of chassis fan connectors	1	ACPI version	5.0
EPS power connector (8-pin)	✓	Clear CMOS jumper	✓
Rear panel I/O ports		Desktop Management Interface (DMI) version	2.7
USB 2.0 ports quantity *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
		Width	170 mm
		Depth	170 mm
		Packaging content	
		Bundled software	Norton Internet Security (OEM version) cFosSpeed



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