

## ASUS ROG MAXIMUS Z690 APEX Intel Z690 LGA 1700 ATX

**Brand :** ASUS

**Product code:** 90MB18I0-M0EAY0

**Product name :** ROG MAXIMUS Z690 APEX

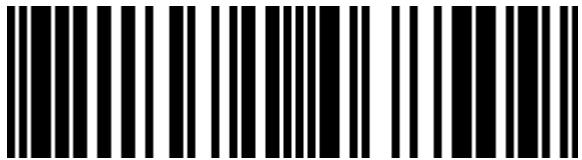
ATX, Intel Z690 chipset, Socket LGA 1700, 2xDDR5 DIMM slots, 7.1 ch audio, 2.5-Gigabit LAN, Wi-Fi 6E, Bluetooth 5.2, AMI UEFI BIOS

ASUS ROG MAXIMUS Z690 APEX. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G. Supported memory types: DDR5-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 3.0, PCI Express 4.0, PCI Express 5.0, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. USB connector type: USB Type-A, USB Type-C. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (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), Wi-Fi 6E...

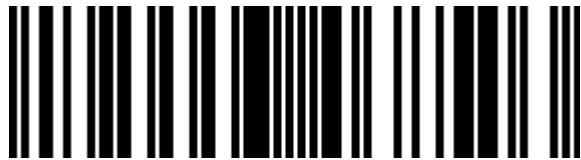


<b>Processor</b>		<b>Rear panel I/O ports</b>	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Processor socket *	LGA 1700	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G	Ethernet LAN (RJ-45) ports *	1
<b>Memory</b>		<b>PS/2 ports quantity</b>	
Supported memory types *	DDR5-SDRAM	Headphone outputs	5
Number of memory slots *	2	Microphone in	✓
Memory slots type	DIMM	S/PDIF out port	✓
Memory channels	Dual-channel	WiFi-AP antenna jack	1
ECC compatibility	Non-ECC	USB connector type	USB Type-A, USB Type-C
Supported memory clock speeds	6600,4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	<b>Network</b>	
Maximum internal memory *	64 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
<b>Storage controllers</b>		Wake-on-LAN ready	✓
Supported storage drive types	HDD & SSD	Wi-Fi *	✓
Supported storage drive interfaces *	M.2, PCI Express 3.0, PCI Express 4.0, PCI Express 5.0, SATA III	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Number of storage drives supported	11	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
<b>Graphics</b>		<b>Features</b>	
Parallel processing technology support *	Not supported	Motherboard chipset *	Intel Z690
Audio chip	Realtek ALC4080		
Audio output channels *	7.1 channels		
Component for *	PC		
Motherboard form factor *	ATX		
<b>Internal I/O</b>			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		

<b>Internal I/O</b>		<b>Features</b>	
Number of SATA III connectors *	6	Motherboard chipset family *	Intel
Front panel audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
ATX Power connector (24-pin)	✓	<b>Expansion slots</b>	
CPU fan connector	✓	PCI Express x1 (Gen 3.x) slots	1
Number of chassis fan connectors	3	PCI Express x4 slots	1
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 5.x) slots	2
Thunderbolt headers	1	Number of M.2 (M) slots	4
12V power connector	✓	<b>BIOS</b>	
RGB LED pin header	✓	BIOS type *	UEFI AMI
<b>Rear panel I/O ports</b>		BIOS memory size	512 Mbit
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Clear CMOS button	✓
		<b>Logistics data</b>	
		Harmonized System (HS) code	84733020
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Drivers included	✓



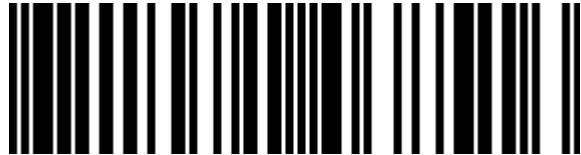
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