

## ASUS PRIME Z690-P D4-CSM Intel Z690 LGA 1700 ATX

**Tuotemerkki :** ASUS

**Tuotekoodi:** 90MB18P0-M0EAYC

**Tuotteen nimi :** PRIME Z690-P D4-CSM

ASUS PRIME Z690-P D4-CSM. Suoritinvalmistaja: Intel, Prosessorin kanta: LGA 1700, Yhteensopivat prosessorit: Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9. Tuetut muistityypit: DDR4-SDRAM, Sisäinen enimmäismuisti: 128 GB, Muistipaikkojen tyyppi: DIMM. Tuetut tallennusasemaliitännät: M.2, PCI Express 4.0, SATA III, Tuetut tallennusasematyypit: HDD & SSD, RAID-tasot: 0, 1, 5, 10. Enimmäiserottelutarkkuus: 3840 x 2160 pikseliä. USB-liitin: USB A-tyyppi, USB Type-C



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket *	LGA 1700	USB 3.2 Gen 2x2 Type-C ports quantity	1
Compatible processor series *	Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1700	PS/2 ports quantity	1
<b>Memory</b>		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI version	2.1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	DisplayPort version	1.4
Memory channels	Dual-channel	Headphone outputs	5
ECC compatibility	Non-ECC	Microphone in	✓
Supported memory clock speeds MHz	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4266,4400,4600,4800,5000,5133,5333	S/PDIF out port	✓
Maximum internal memory *	128 GB	WiFi-AP antenna jack	1
Unbuffered memory	✓	USB connector type	USB Type-A, USB Type-C
<b>Storage controllers</b>		<b>Network</b>	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III	Ethernet interface type	2.5 Gigabit Ethernet
Number of storage drives supported	7	Wake-on-LAN ready	✓
RAID support	✓	Wi-Fi *	✗
RAID levels	0, 1, 5, 10	<b>Features</b>	
<b>Graphics</b>		Motherboard chipset *	Intel Z690
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
Maximum resolution	3840 x 2160 pixels	Component for *	PC
<b>Internal I/O</b>		Motherboard form factor *	ATX
USB 2.0 connectors *	2	Motherboard chipset family *	Intel
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11 x64
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		
Number of SATA III connectors *	4		
Front panel audio connector	✓		

Internal I/O		Expansion slots	
ATX Power connector (24-pin)	✓	PCI Express x1 (Gen 3.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 3.x) slots	2
Number of chassis fan connectors	3	PCI Express x16 (Gen 4.x) slots	1
EPS power connector (8-pin)	✓	PCI Express x16 (Gen 5.x) slots	1
Number of COM connectors	1	Number of M.2 (M) slots	3
TPM connector	✓	<b>BIOS</b>	
Thunderbolt headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	192 Mbit
RGB LED pin header	✓	Clear CMOS jumper	✓
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	2	Harmonized System (HS) code	84733020
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Weight & dimensions	
		Width	305 mm
		Depth	234 mm
		Height	73 mm
		Packaging content	
		Cables included	SATA
		Drivers included	✓
		Other features	
		Weight	634 g



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