## ASUS PRIME Z790-P D4 Intel Z790 LGA 1700 ATX

## Brand : ASUS

Product name : PRIME Z790-P D4

- Intel® LGA 1700 socket: Ready for 12th and 13th Gen Intel® processors

- Enhanced power solution: 14+1 DrMOS, 6-layer PCB, ProCool connectors, alloy chokes and durable capacitors for stable power delivery

- Next-gen connectivity: PCle® 5.0, Realtek 2.5Gb Ethernet, USB 3.2 Gen2x2 Type-C®, front panel USB 3.2 Gen 2 Type-C®, Thunderbolt<sup>™</sup> (USB4®) header support, 3 PCle® 4.0 M.2

Product code: 90MB1CV0-M0EAY0

- ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking

- Comprehensive cooling: Large VRM heatsinks, flexible M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 4 with Al Cooling II

ASUS Prime Z790-P D4, an Intel Z790 LGA 1700 ATX motherboard with PCIe® 5.0, three M.2 slots, 14+1 DrMOS, DDR4, Realtek 2.5 Gb LAN, HDMI®, DP, USB 3.2 Gen 2x2 Type-C®, front USB 3.2 Gen 2 Type-C, Thunderbolt<sup>™</sup> (USB4®) support, Aura Sync





Processor		Rear panel I/O ports	
Processor manufacturer * Processor socket *	Intel LGA 1700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
	Intel® Celeron®, Intel® Core <sup>™</sup> i3, Intel® Core <sup>™</sup> i5, Intel® Core <sup>™</sup> i7,	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	Intel® Core™ i9, Intel® Pentium® Gold	USB 3.2 Gen 2x2 Type-C ports quantity	1
Supported processor sockets	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Memory Supported memory types * DDR4-SDRAM		PS/2 ports quantity	1
Number of memory slots * 4 Memory slots type DIMM Memory channels Dual-channel		HDMI ports quantity *	1
Non-ECC 2133,2400,2666,2800,2933,3000,3200,3333,340	0,3466,3600,3733,3866,4000,4133,4266,4400,4500,4600,4700,4800,5000,5066,5133,5333	, DisplayPorts quantity	1
Supported memory clock speeds MHz Supported memory clock speed 5333 MHz (max)		Headphone outputs	1
Maximum internal memory * 128 GB Unbuffered memory		Line-in	4
Storage controllers		Microphone in	4
Supported storage drive types	HDD & SSD	Network	
Supported storage drive interfaces ?	M.2, SATA III	Ethernet LAN	1
RAID support	1	Ethernet interface type	2.5 Gigabit Ethernet
RAID levels	0, 1, 5, 10	Wi-Fi *	1
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset * Audio output channels *	Intel Z790 7.1 channels
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family * Power source type	Intel ATX
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11
Number of SATA III connectors *	4	Expansion slots	
S/PDIF out connector	4	PCI Express x1 (Gen 3.x) slots	1
Front panel audio connector	1	PCI Express x16 (Gen 4.x) slots	3
ATX Power connector (24-pin)	4	PCI Express x16 (Gen 5.x) slots	1
CPU fan connector	4	Number of M.2 (M) slots	3
Number of chassis fan connectors	3		5

Internal I/O		BIOS	
Peripheral (Molex) power connectors (4-pin) EPS power connector (8-pin)	in) I lector (8-pin) 🗸	BIOS type * BIOS memory size Clear CMOS button	UEFI AMI 192 Mbit
Number of COM connectors TPM connector	1	Packaging data	
Thunderbolt headers 12V power connector RGB LED pin header	polt headers 1 er connector pin header	Package width Package depth Package height Package weight	338 mm 273 mm 68 mm 1.58 kg
Rear panel I/O ports	4	Weight & dimensions	
USB 2.0 ports quantity *		Width Depth	305 mm 234 mm
		Packaging content	

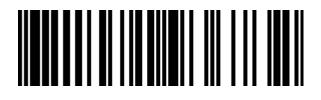
Drivers included Other features SATA

∢

1

Cables included

Number of M.2 (E) slots



## 4711081936732

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.