

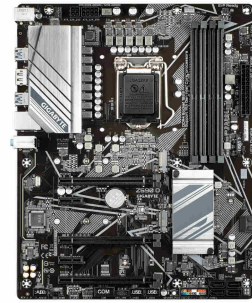
GIGABYTE Z590 D motherboard Intel Z590 LGA 1200 (Socket H5) ATX

Brand : GIGABYTE

Product code: Z590 D

Product name : Z590 D

- Supports 11th and 10th Gen Intel® Core™ Series Processors
 - Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs
 - Direct 12+1 Phases Digital VRM Solution with Low RDS(on) MOSFETs
 - Shielded Memory Routing for Better Memory Overclocking
 - Enlarged VRM Heatsink with Multi-Cut to increased surface contact
 - Dual Ultra-Fast NVMe PCIe 4.0/3.0 x4 M.2
 - GIGABYTE Exclusive 8118 Gaming LAN with Bandwidth Management
 - RGB FUSION 2.0 Supports Addressable LED & RGB LED Strips
 - Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
 - Q-Flash Plus Update BIOS without Installing the CPU, Memory and Graphics Card
- ATX, Intel Z590 Express chipset, Socket LGA 1200, 4xDDR4 DIMM slots, 7.1ch audio, Gigabit LAN, AMI UEFI BIOS



Processor		Internal I/O	
Processor manufacturer *	Intel	RGB LED pin header	✓
Processor socket *	LGA 1200 (Socket H5)	Rear panel I/O ports	
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
Supported processor sockets	LGA 1200 (Socket H5)	Ethernet LAN (RJ-45) ports *	1
Memory		PS/2 ports quantity	2
Supported memory types *	DDR4-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.2
Memory slots type	DIMM	Headphone outputs	3
Memory channels	Dual-channel	Microphone in	✓
ECC compatibility	ECC & Non-ECC	USB connector type	USB Type-A
Supported memory clock speeds	2133,2400,2666,2800,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333 MHz	Network	
Maximum internal memory *	128 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	Gigabit Ethernet
Storage controllers		Wi-Fi *	✗
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA III	Motherboard chipset *	Intel Z590
Number of storage drives supported	8	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	PC health monitoring	Fan, Temperature, Voltage
Graphics		Component for *	PC
Parallel processing technology support *	2-Way CrossFireX, Quad-GPU CrossFireX	Motherboard form factor *	ATX
Maximum resolution	4096 x 2304 pixels	Motherboard chipset family *	Intel
HDCP	✓	Windows operating systems supported	Windows 10 x64
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x16 slots	3
Number of SATA III connectors *	6	Number of M.2 (M) slots	2
S/PDIF out connector	✓	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	3		
EPS power connector (8-pin)	✓		
TPM connector	✓		

Internal I/O		BIOS	
Serial port headers	1	ACPI version	5.0
Thunderbolt headers	2	Clear CMOS jumper	✓
12V power connector	✓	Desktop Management Interface (DMI) version	2.7
		System Management BIOS (SMBIOS) version	2.7
Logistics data			
		Harmonized System (HS) code	84733020
Weight & dimensions			
		Width	305 mm
		Depth	244 mm
Packaging content			
		Bundled software	Norton Internet Security, Realtek 8118 Gaming LAN Bandwidth Control Utility



4719331815448

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.

Publication date: 19-NOV-2024. Prints or copies of Information are only valid on the printed Publication date