



Płyta główna Gigabyte Z590M

Indeks: **91905** Producent: **GIGABYTE** Kod producenta: **Z590M (rev. 1.0)**

Cena: 773.50 zł

Opis

Płyta Gigabyte Z590M (rev. 1.0)/Z590/DDR4/SATA3/M.2/USB3.1/PCIe3.0/s.1200/mATX

CPU LGA1200 package: 11th Generation Intel® Core™ i9 processors / Intel® Core™ i7 processors / Intel® Core™ i5 processors / Intel® Core™ i3 processors / Intel® Pentium® processors / Intel® Celeron® processors** Limited to processors with 4 MB Intel® Smart Cache, Intel® Celeron® G5xx5 family. L3 cache varies with CPU (Please refer to "CPU Support List" for more information.) Chipset Intel® Z590 Express Chipset Memory 11th Generation Intel® Core™ i9/i7/i5 processors: Support for DDR4 5333(O.C.) / DDR4 5133(O.C.) / DDR4 5000(O.C.) / 4933(O.C.) / 4800(O.C.) / 4700(O.C.) / 4600(O.C.) / 4500(O.C.) / 4400(O.C.) / 4300(O.C.) / 4266(O.C.) / 4133(O.C.) / 4000(O.C.) / 3866(O.C.) / 3800(O.C.) / 3733(O.C.) / 3666(O.C.) / 3600(O.C.) / 3466(O.C.) / 3400(O.C.) / 3333(O.C.) / 3300(O.C.) / 3200(O.C.) / 3000(O.C.) / 2933 / 2800 / 2666 / 2400 / 2133 MHz 10th Generation Intel® Core™ i9/i7 processors: Support for DDR4 2933/2666/2400/2133 MHz memory modules 10th Generation Intel® Core™ i5/i3/Pentium® / Celeron® processors: Support for DDR4 2666/2400/2133 MHz memory modules 4 x DDR4 DIMM sockets supporting up to 128 GB (32 GB single DIMM capacity) of system memory Dual channel memory architecture Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode) Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for Extreme Memory Profile (XMP) memory modules (Go to GIGABYTE's website for the latest supported memory speeds and memory modules.) Onboard Graphics Integrated Graphics Processor-Intel® HD Graphics support: 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz* The DVI-D port does not support D-Sub connection by adapter. 1 x HDMI port, supporting a maximum resolution of 4096x2160@30 Hz* Support for HDMI 1.4 version and HDCP 2.3. 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz* Support for DisplayPort 1.2 version and HDCP 2.3 (Graphics specifications may vary depending on CPU support.) Support for up to 3 displays at the same time Audio Realtek® Audio CODEC High Definition Audio 2/4/5.1/7.1-channel* To configure 7.1-channel audio, you need to open the audio software and select Device advanced settings > Playback Device to change the default setting first. Please visit GIGABYTE's website for details on configuring the audio software. Support for S/PDIF Out LAN Intel® GbE LAN chip (1000 Mbit/100 Mbit) Expansion Slots 1 x PCI Express x16 slot, running at x16 (PCIEX16)* For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot. (The PCIEX16 slot conforms to PCI Express 4.0 standard.) (Note) 1 x PCI Express x16 slot, running at x4 (PCIEX4) 1 x PCI Express x1 slot (The PCIEX4 and PCIEX1 slots conform to PCI Express 3.0 standard.) Multi-Graphics Technology Support for AMD Quad-GPU CrossFire™ and 2-Way AMD CrossFire™ technologies Storage Interface CPU: 1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 4.0 x4/x2 SSD support) (M2P_CPU) (Note) Chipset: 1 x M.2 connector (Socket 3, M key, type 2260/2280/22110 SATA and PCIe 3.0 x4/x2 SSD support) (M2A_SB) 6 x SATA 6Gb/s connectors Support for RAID 0, RAID 1, RAID 5, and RAID 10* Refer to "1-7 Internal Connectors," for the installation notices for the M.2 and SATA connectors. Intel® Optane™ Memory Ready USB Chipset: 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 1 support 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel 6 x USB 3.2 Gen 1 ports (4 ports on the back panel, 2 ports available through the internal USB header) 4 x USB 2.0/1.1 ports available through the internal USB headers Internal I/O Connectors 1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header 3 x system fan headers 2 x addressable LED strip headers 2 x RGB LED strip headers 6 x SATA 6Gb/s connectors 2 x M.2 Socket 3 connectors 1 x front panel header 1 x front panel audio header 1 x S/PDIF Out header 1 x USB 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 2 x Thunderbolt™ add-

in card connectors 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only) 1 x serial port header 1 x Clear CMOS jumper 1 x Q-Flash Plus button * All fan headers are subject to support AIO_Pump, Pump and high performance fan with the capability of delivering up to 2A/12V @ 24W. Back Panel Connectors 1 x PS/2 keyboard/mouse port 1 x USB Type-C® port, with USB 3.2 Gen 1 support 1 x USB 3.2 Gen 2 Type-A port (red) 4 x USB 3.2 Gen 1 ports 1 x DVI-D port 1 x DisplayPort 1 x HDMI port 1 x RJ-45 port 3 x audio jacks I/O Controller iTE® I/O Controller Chip H/W Monitoring Voltage detection Temperature detection Fan speed detection Fan fail warning Fan speed control* Whether the fan speed control function is supported will depend on the fan you install. BIOS 1 x 256 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0 Unique Features Support for APP Center* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications. @BIOSEasyTuneFast BootGame BoostON/OFF ChargeRGB FusionSmart BackupSystem Information Viewer Support for Q-Flash Plus Support for Q-Flash Support for Xpress Install Bundled Software Norton® Internet Security (OEM version) cFosSpeed Operating System Support for Windows 10 64-bit Form Factor Micro ATX Form Factor; 24.4cm x 24.4cm Note Supported by 11th Generation processors only. Remark Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP. If drivers are available from the vendors, we will update them on the GIGABYTE website.

Parametry

Model	Z590M
Producent	Gigabyte
EAN	4719331815479
Obsługiwane procesory	AMD
Standard płyty	Micro ATX
Typ obsługiwanej pamięci	DDR4
Maksymalna ilość pamięci RAM	128
Liczba slotów pamięci RAM	4
Częstotliwość taktowania pamięci	2133, 2400, 2666, 2800, 2933, 3000, 3200, 3300, 3333, 3400, 3466, 3600, 3733, 3800, 3866, 4000, 4133, 4266, inna
Łączenie dysków	RAID 0, RAID 1, RAID 1+0 (10), RAID 5
Złącza na panelu tylnym	inne
Szerokość	244
Wysokość	7
Stan	Nowy
Kod producenta	Z590M
Typ gniazda procesora	AMD Socket AM4
Chipset	AMD A320
Dodatkowe elementy	brak
Waga produktu z opakowaniem jednostkowym	0.75