



GIGABYTE Z590 GAMING X LGA1200 DDR4

Indeks: 81974 Producent: GIGABYTE Kod producenta: Z590 GAMING X (rev. 1.0)

Cena: 529.82 zł

Opis

Płyta Gigabyte Z590 GAMING X (rev. 1.0)/Z590/DDR4/SATA3/M.2/USB3.1/PCIe3.0/s.1200/WIFI/BT/ATX

CPU LGA1200 package: 11th Generation Intel® Core™ i9 processors / Intel® Core™ i7 processors / Intel® Core™ i5 processors / 10th 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 (Please refer "Memory Support List" for more information.) Onboard Graphics Integrated Graphics Processor-Intel® HD Graphics support: 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz. *Support for DisplayPort 1.2 version and HDCP 2.3 (Supported graphics specifications may vary depending on CPU or graphics card used.) Audio Realtek® Audio codec High Definition Audio 2/4/5.1/7.1-channel Support for S/PDIF Out LAN Realtek® 2.5GbE LAN chip (2.5 Gbit/1 Gbit/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.)* **Supported by 11th Generation processors only. 1 x PCI Express x16 slot, running at x4 (PCIEX4) 2 x PCI Express x1 slots (The PCIEX4 and PCI Express x1 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 2260/2280/22110 PCIe 4.0 x4/x2 SSD support) (M2P_CPU)* **Supported by 11th Generation processors only. Chipset: 2 x M.2 connector (Socket 3, M key, type 2260/2280/22110 SATA and PCIe 3.0 x4/x2 SSD support) (M2A_SB) (M2M_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 Gen2 support 1 x USB Type-C® port with USB 3.2 Gen1 support, available through the internal USB header 1 x USB 3.2 Gen2 Type-A port (red) on the back panel 7 x USB 3.2 Gen1 ports (5 ports on the back panel, 2 ports available through the internal USB header) Chipset+ 2 USB 2.0 Hub: 6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers) Internal I/O Connectors 1 x 24-pin ATX main power connector 1 x 4-pin ATX 12V power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header 4 x system fan headers 2 x addressable LED strip headers 2 x RGB LED strip headers 6 x SATA 6Gb/s connectors 3 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 Type-C® header, with USB 3.2 Gen1 support 1 x USB 3.2 Gen1 header 2 x USB 2.0/1.1 headers 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only) 2 x Thunderbolt™ add-in card connectors 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® header, with USB 3.2 Gen2 support 1 x DisplayPort 1 x USB 3.2 Gen2 Type-A port (red) 5 x USB 3.2 Gen1 ports 2 x USB 2.0/1.1 ports 1 x RJ-45 port 6 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 cooler 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) Realtek® 8125 Gaming LAN Bandwidth Control Utility Operating System Support for Windows 10 64-bit Form Factor ATX Form Factor; 30.5cm x 24.4cm

Parametry

Model	Z590 GAMING X
Producent	Gigabyte
EAN	4719331814465
Chipset	z590 INTEL
Kod producenta	Z590 GAMING X
Obsługiwane procesory	Intel
Standard płyty	ATX
Typ obsługiwanej pamięci	DDR4
Maksymalna ilość pamięci RAM	128
Liczba slotów pamięci RAM	4
Architektura wielokanałowa pamięci RAM	dual-channel
Łączenie dysków	RAID 0, RAID 1, RAID 1+0 (10), RAID 5
Dodatkowe elementy	brak
Szerokość	305
Stan	Nowy
Typ gniazda procesora	Intel Socket 1200