



## Płyta Gigabyte Z690 AERO G (rev. 1.0) /Z690/DDR5/SATA3/M.2/USB3.2/WiFi/PCIe5.0/s.1700/ATX

Indeks: 138448 Producent: GIGABYTE Kod producenta: Z690 AERO G (rev. 1.0)

**Cena: 1,519.28 zł**

### Opis

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CPU LGA1700 socket: Support for 12th Generation Intel® Core™ i9 processors/Intel® Core™ i7 processors/Intel® Core™ i5 processors L3 cache varies with CPU (Please refer to "CPU Support List" for more information.) Chipset Intel® Z690 Express Chipset Memory Support for DDR5 6000(O.C.) / 5800(O.C.) / 5600(O.C.) / 5400(O.C.) / 5200(O.C.) / 4800 / 4000 MHz memory modules 4 x DDR 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 USB Type-C® port, supporting USB Type-C® and DisplayPort video outputs and a maximum resolution of 4096x2304@60 Hz\* Support for drawing tablets and 20V@3A of power delivery.\* Support for DisplayPort 1.2 version and HDCP 2.3 1 x HDMI port, supporting a maximum resolution of 4096x2160@30 Hz\* Support for HDMI 1.4 version and HDCP 2.3. (Graphics specifications may vary depending on CPU or graphics card support.) Audio Realtek® ALC4080 CODEC High Definition Audio 2-channel analog output Support for S/PDIF Out 7.1-channel digital signals \* Actual output of digital signals may vary depending on the playback content and software used, and an external DAC is required. LAN Intel® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps) Wireless Communication module Intel® Wi-Fi 6 AX201/WiFi 6E, supporting 2.4/5 GHz Dual-Band BLUETOOTH 5.2 Support for 11ax 160MHz wireless standard and up to 2.4 Gbps data rate\* Actual data rate may vary depending on environment and equipment. 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 5.0 standard.) 2 x PCI Express x16 slots, running at x4 (PCIEX4\_1, PCIEX4\_2)(The PCIEX4 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) (M2A\_CPU) Chipset:2 x M.2 connectors (Socket 3, M key, type 2260/2280/22110 PCIe 4.0 x4/x2 SSD support) (M2P\_SB, M2Q\_SB) 1 x M.2 connector (Socket 3, M key, type 2260/2280/22110 SATA and PCIe 4.0 x4/x2 SSD support) (M2M\_SB) 6 x SATA 6Gb/s connectors Support for RAID 0, RAID 1, RAID 5, and RAID 10\* Refer to "2-7 Internal Connectors," for the installation notices for the M.2 and SATA connectors.Intel® Optane™ Memory Ready\* System acceleration with Intel® Optane™ Memory can only be enabled on the M.2 connectors supported by the Chipset. USB Chipset:2 x USB Type-C® ports, with USB 3.2 Gen 2x2 support(1 port on the back panel, 1 port available through the internal USB header) 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 1 support 2 x USB 3.2 Gen 2 Type-A ports (red) on the back panel 2 x USB 3.2 Gen 1 ports available through the internal USB header 2 x USB 2.0/1.1 ports on the back panel Chipset+USB 3.2 Gen 1 Hub:4 x USB 3.2 Gen 1 ports on the back panel Chipset+USB 2.0 Hub: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 4-pin ATX 12V power connector 1 x CPU fan header 1 x water cooling CPU fan header 4 x system fan headers 2 x system fan/water cooling pump headers 2 x addressable LED strip headers 2 x RGB LED strip headers 4 x M.2 Socket 3 connectors 6 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB Type-C® header, with USB 3.2 Gen 2x2 support 1 x USB 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 1 x noise detection header 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 Q-Flash Plus button 1 x reset button 1 x reset jumper 2 x temperature sensor headers 1 x Clear CMOS jumper Back Panel Connectors 2 x USB 2.0/1.1 ports 2 x SMA antenna connectors (2T2R) 4 x USB 3.2 Gen 1 ports 1 x DisplayPort In port 1 x HDMI port 2 x USB 3.2 Gen 2 Type-A ports (red) 1 x USB Type-C® port, with USB 3.2 Gen 2x2 support 1 x USB Type-C® port, with USB 3.2 Gen 1 support 1 x RJ-45 port 1 x optical S/PDIF Out connector 2 x audio jacks I/O Controller iTE® I/O Controller Chip H/W Monitoring Voltage detection Temperature detection Fan speed detection Water cooling flow rate detection Fan fail warning Fan speed control\* Whether the fan (pump) speed control function is supported will depend on the fan (pump) you install. Noise detection 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 ATX Form Factor; 30.5cm x 24.4cm

## Parametry

Model	Z690 AERO G
Producent	Gigabyte
EAN	4719331829902
Chipset	Intel
Kod producenta	Z690 AERO G
Obsługiwane procesory	Intel
Standard płyty	ATX
Typ obsługiwanej pamięci	inna
Maksymalna ilość pamięci RAM	128
Liczba slotów pamięci RAM	4
Łączenie dysków	RAID 0, RAID 1, RAID 1+0 (10), RAID 5
Szerokość	305
Stan	Nowy

## Zdjęcia

