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MB s1700 GIGABYTE Z690 UD 1.0 DDR4

Šifra: 22257
Kategorija prozivoda: Matične ploče
Proizvođač: GIGABYTE

Cena: 24.510,00



CPU

LGA1700 socket: Support for 12th Generation Intel® Core™, Pentium® Gold and Celeron® Processors*	L3 cache varies with CPU

* Please refer to "CPU Support List" for more information.

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

(Go to GIGABYTE's website for the latest supported memory speeds and memory modules.)

Chipset

Intel® Z690 Express Chipset

Onboard Graphics

Integrated Graphics Processor-Intel® HD Graphics support:

1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz * Support for HDMI 2.1 version and HDCP 2.3. ** Support native HDMI 2.1 TMDS compatible ports.	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.)

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

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.)
- 1 x PCI Express x16 slot, running at x4 (PCIEX4)
- 2 x PCI Express x1 slots (The PCIEX4 and PCIEX1 slots conform to PCI Express 3.0 standard.)
- 1 x PCI Express x16 slot, running at x1 (PCIEX1_4)

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:

- 1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB)
- 1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 4.0 x4/x2 SSD support) (M2Q_SB)
- 6 x SATA 6Gb/s connectors

Support for RAID 0, RAID 1, RAID 5, and RAID 10

Intel® Optane™ Memory Ready

* System acceleration with Intel® Optane™ Memory can only be enabled on the M.2 connectors supported by the Chipset.

LAN

- Realtek® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)

Multi-Graphics Technology

- Support for AMD Quad-GPU CrossFire™ and 2-Way AMD CrossFire™ technologies

USB

Chipset:

- 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 2x2 support
- 1 x USB Type-C® port with USB 3.2 Gen 1 support, available through the internal USB header
- 1 x USB 3.2 Gen 2 Type-A ports (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)

Chipset+2 USB 2.0 Hubs:

- 8 x USB 2.0/1.1 ports (4 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 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	3 x system fan headers
1 x system fan/water cooling pump header	2 x addressable LED strip headers
2 x RGB LED strip headers	3 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 S/PDIF Out header
1 x USB Type-C® header, with USB 3.2 Gen 1 support	1 x USB 3.2 Gen 1 header
2 x USB 2.0/1.1 headers	1 x serial port 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 reset button	1 x reset jumper
1 x Q-Flash Plus button	1 x Clear CMOS jumper

*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 DisplayPort
1 x HDMI port	1 x USB Type-C® port, with USB 3.2 Gen 2x2 support
1 x USB 3.2 Gen 2 Type-A port (red)	4 x USB 3.2 Gen 1 ports
4 x USB 2.0/1.1 ports	1 x RJ-45 port
3 x audio jacks	

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.

I/O Controller

- iTE® I/O Controller Chip

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.
  - @BIOS
  - EasyTune
  - Fast Boot
  - Game Boost
  - ON/OFF Charge
  - RGB Fusion
  - Smart Backup
  - System Information Viewer
  - Support for Q-Flash
  - Support for Q-Flash Plus
  - Support for Xpress 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	

Bundled Software		Operating System	
Norton® Internet Security (OEM version)	Realtek® Gaming LAN Bandwidth Control Utility	Support for Windows 11 64-bit	Support for Windows 10 64-bit

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.