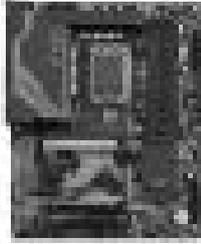


GIGABYTE Z790 UD DDR5 12th/13th Gen Intel Motherboard

Sale Price: 30500.0



PRODUCT ID: 02695

Basic

Information

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| Supported CPU | LGA1700 socket: Support for the 14th, 13th and 12th Generation Intel Core, Pentium Gold and Celeron Processors L3 cache varies with CPU |
| Chipset | Intel Z790 Express Chipset |
| 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 |
| Form Factor | ATX Form Factor; 30.5cm x 24.4cm |
| Audio | Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel * You can change the functionality of an audio jack using the audio software. To configure 7.1-channel audio, access the audio software for audio settings. Support for S/PDIF Out |

Expansion

Slots

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| PCI | CPU: 1 x PCI Express x16 slot, supporting PCIe 5.0 and 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. Chipset: 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEX4) 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x1 (PCIEX1_4) 2 x PCI Express x1 slots, supporting PCIe 3.0 and running at x1 (PCIEX1_2, PCIEX1_3) Support for AMD CrossFire technology (PCIEX16 and PCIEX4) |
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Memory

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| Type | DDR5 |
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Basic Information

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| Slots | 4 x DIMM sockets |
| Supported Memory | 7600(O.C.) / 7400(O.C.) / 7200(O.C.) / 7000(O.C.) / 6800(O.C.) / 6600(O.C.) / 6400(O.C.) / 6200(O.C.) / 6000(O.C.) / 5800(O.C.) / 5600(O.C.) / 5400(O.C.) / 5200(O.C.) / 4800 / 4000 memory modules 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 |
| Maximum Memory | 128GB (32 GB single DIMM capacity) |

Graphics

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| Graphics | Integrated Graphics Processor-Intel HD Graphics support: 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz * Support for HDMI 2.0 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 |
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Connector & Ports

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| HDMI | 1 x HDMI |
| Display Port (s) | 1 x DisplayPort |
| USB (s) | 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 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) 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) |
| LAN Port (s) | Realtek 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps) |
| Supported Storage | CPU: 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU) Chipset: 2 x M.2 connectors (Socket 3, M key, type 2280 PCIe 4.0 x4/x2 SSD support) (M2Q_SB, M2P_SB) 6 x SATA 6Gb/s connectors |
| RAID | RAID 0, RAID 1, RAID 5, and RAID 10 support for NVMe SSD storage devices RAID 0, RAID 1, RAID 5, and RAID 10 support for SATA storage devices |
| Audio | 3 x audio jacks |

Basic Information

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| Internal I/O Ports | <ul style="list-style-type: none"> 1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 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 reset button 1 x Q-Flash Plus button 1 x reset jumper 1 x Clear CMOS jumper |
| TPM (Trusted Platform Module) | 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only) |

Others

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| Special Features | <ul style="list-style-type: none"> Support for GIGABYTE Control Center (GCC) * Available applications in GCC may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications. Support for Q-Flash Support for Q-Flash Plus Support for Smart Backup |
| Bundled Software | <ul style="list-style-type: none"> Norton Internet Security (OEM version) LAN bandwidth management software |

Warranty Information

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| Manufacturing Warranty | 3 years |
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