

GIGABYTE B760M E DDR5 Micro ATX Motherboard

Sale Price: 15800.0



PRODUCT ID: 02588

Basic

Information

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 B760 Express Chipset
BIOS	1 x 128 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	Micro ATX Form Factor; 23.0cm x 21.5cm
Audio	Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel

Expansion

Slots

PCI	CPU: - 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16 * The PCIEX16 slot can only support a graphics card or an NVMe SSD. Chipset: - 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1
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Memory

Type	DDR5
Slots	2

Basic Information

Supported Memory	Support for DDR5 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 MT/s 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 module
Maximum Memory	Supporting up to 128 GB (64 GB single DIMM capacity) of system memory

Graphics

Graphics	Onboard Graphics Integrated Graphics Processor-Intel® HD Graphics support: - 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz - 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz * Support for DisplayPort 1.2 version and HDCP 2.3 - 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.
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Connector & Ports

HDMI	1 x HDMI port
Display Port (s)	1 x DisplayPort
D-Sub (s)	1 x D-Sub port
USB (s)	Chipset: - 6 x USB 3.2 Gen 1 ports (4 ports on the back panel, 2 ports available through the internal USB header) - 6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)
LAN Port (s)	Realtek GbE LAN chip (1 Gbps/100 Mbps/10 Mbps)
Supported Storage	CPU: - 1 x M.2 connector (Socket 3, M key, type 2280 PCIe 4.0 x4/x2 SSD support)(M2A_CPU) Chipset: - 1 x M.2 connector (Socket 3, M key, type 2280 PCIe 4.0 x4/x2 SSD support)(M2P_SB) - 4 x SATA 6Gb/s connectors
RAID	RAID 0, RAID 1, RAID 5, and RAID 10 support for SATA storage devices
Audio	3 x audio jacks

Basic Information

Internal I/O Ports	Internal I/O Connectors
	<ul style="list-style-type: none"> 1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header 2 x system fan headers 1 x RGB LED strip header 2 x M.2 Socket 3 connectors 4 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 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 1 x serial port header 1 x Clear CMOS jumper
	Back Panel Connectors
	<ul style="list-style-type: none"> 2 x USB 2.0/1.1 ports 1 x D-Sub port 1 x DisplayPort 1 x HDMI port 4 x USB 3.2 Gen 1 ports 1 x RJ-45 port 3 x audio jacks
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

Special Features	Support for GIGABYTE Control Center (GCC) Support for Q-Flash
Bundled Software	Norton Internet Security (OEM version) LAN bandwidth management software

Warranty Information

Manufacturing Warranty	3 years Warranty
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