GIGABYTE H510M K DDR4 Intel Micro ATX Motherboard



Sale Price: 10500.0

PRODUCT ID: 0001237

Basic Information

Supported CPU	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 L3 cache varies with CPU
Chipset	Intel B560 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; 22.6cm x 18.5cm
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 (PCIe 4.0 is only supported by 11th-generation processors.) Chipset: 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1

Memory

Type	DDR4
Slots	2 x DIMM

Information

Supported Memory	1th Generation Intel Core i9/i7/i5 processors: Support for DDR4 3200/3000/2933/2666/2400/2133 MT/s memory modules 10th Generation Intel Core i9/i7 processors: Support for DDR4 2933/2666/2400/2133 MT/s memory modules 10th Generation Intel Core i5/i3/Pentium®/Celeron processors: Support for DDR4 2666/2400/2133 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 modules
Maximum Memory	64GB (32 GB single DIMM capacity)

Graphics

Graphics	Integrated Graphics Processor-Intel HD Graphics support 1 x HDMI port, supporting a maximum resolution of 4096x2160@30 Hz * Support for HDMI 1.4 version and HDCP 2.3.

Connector & Ports

HDMI	1 x HDMI port
USB (s)	Chipset: 4 x USB 3.2 Gen 1 ports (2 ports on the back panel, 2 ports available through the internal USB header) 6 x USB 2.0/1.1 ports (4 ports on the back panel, 2 ports available through the internal USB header)
LAN Port (s)	Realtek GbE LAN chip (1 Gbps/100 Mbps)
Supported Storage	Chipset: 1 x M.2 connector: Socket 3, M key, type 2280 PCIe 3.0 x4/x2 SSD 2 x SATA 6Gb/s connectors

Information

Internal I/O Ports	Internal I/O Connectors 1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header 1 x system fan header 1 x RGB LED strip header 1 x M.2 Socket 3 connector 2 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB 3.2 Gen 1 header 1 x USB 2.0/1.1 header 1 x serial port header 1 x Clear CMOS jumper Back Panel Connectors 1 x HDMI port 2 x USB 3.2 Gen 1 ports 4 x USB 2.0/1.1 ports 1 x RJ-45 port 3 x audio jacks

Others

Special 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 Ambient LED EasyTune Smart Backup System Information Viewer Support for Q-Flash Support for Xpress Install
Bundled Software	Norton Internet Security (OEM version) LAN bandwidth management software

Warranty Information

Manufacturing Warranty	03 Years Warranty