



Gigabyte GA-H110M-H - 1.0 - motherboard - micro ATX - LGA1151 Socket - H110

Part Number: GA-H110M-H (rev. 1.0)

General

- Chipset Type
Intel H110 Express
- Compatible Processors
Pentium, Celeron, Core i5, Core i3, Core i7 (supports 6th Generation Intel Core i3 / i5 / i7 / Pentium / Celeron)
- Processor Socket
LGA1151 Socket
- Max Processors Qty
1
- Manufacturer
Gigabyte Technology Co. Ltd.

Expansion / Connectivity

- Expansion Slots
1 x CPU
2 x DIMM 288-pin
1 x PCIe 3.0 x16
2 x PCIe 2.0 x1
- Storage Interfaces
SATA-600 -connectors: 4 x 7pin Serial ATA - 4 devices
- Internal Interfaces
4 x USB 2.0 - header
2 x USB 3.0 - header
1 x audio - header
1 x SPDIF out - header
- Power Connectors
4-pin ATX12V connector, 24-pin main power connector

Processor

- Max Supported Qty
1
- Installed Qty
0

Processor / Memory / Storage

- Max Supported Qty
1

Miscellaneous

- Product Type
motherboard

Audio

- Audio Codec
Realtek ALC887
- Compliant Standards
High Definition Audio

Interface Provided

- Qty
1, 2
- Type
HDMI, LAN (Gigabit Ethernet), PS/2 keyboard, PS/2 mouse, USB 2.0, USB 3.0, VGA, audio line-in, audio line-out, microphone
- Connector Type
mini-jack

Memory

- Max Allocated RAM Size
512 MB

Networking

- Data Link Protocol
Ethernet, Fast Ethernet, Gigabit Ethernet
- Network
Gigabit Ethernet

Graphics

- Max Allocated RAM Size
512 MB

Audio Output

- Compliant Standards
High Definition Audio
- Type
sound card
- Audio Codec
Realtek ALC887
- Audio
High Definition Audio (8-channel)

RAM

- Max Supported Size
32 GB
- Features
dual channel memory architecture

Video

- Video Output
graphics adapter (CPU required)

LAN

- Network Interfaces
Gigabit Ethernet

Supported RAM

- Bus Clock
2133 MHz
- Registered or Buffered
Unbuffered
- Features
Dual channel memory architecture
- Max Size
32 GB
- Technology
DDR4

Header

- Brand
GIGABYTE
- Product Line
Gigabyte
- Model
GA-H110M-H
- Packaged Quantity
1
- Compatibility
PC
- Revision
1.0

Mainboard

- Form Factor
micro ATX
- Processor Socket
LGA1151 Socket

- Compatible Processors
Celeron, Core i3, Core i5, Core i7, Pentium
- Compatible Processors Comments
supports 6th Generation Intel Core i3 / i5 / i7 / Pentium / Celeron
- Chipset Type
Intel H110 Express
- Supported RAM Technology
DDR4 SDRAM
- Supported RAM Speed
2133 MHz
- Supported RAM (Registered or Buffered)
unbuffered
- RAM Slots
2 DIMM slots
- Power Connectors
24-pin main power connector, 4-pin ATX12V connector

Mainboard Features

- BIOS Type
AMI
- BIOS Features
ACPI 5.0 support, DMI 2.7 support, SMBIOS 2.7 support, UEFI BIOS, WfM 2.0 support
- Hardware Monitoring
CPU core temperature, CPU fan tachometer, CPU overheating protection, chassis fan tachometer, chassis temperature, system voltage
- Hardware Features
Audio Noise Guard, AutoGreen, GIGABYTE Smart Switch, Intel Small Business Basics support, Q-Flash

Interfaces

- Storage
Serial ATA-600
- Storage Ports
4 x SATA-600
- USB 3.0 / FireWire
USB 3.0
- USB / FireWire Ports Configuration (Active)
2 x USB 3.0 + 2 x USB 2.0

Expansion Slots

- Total Qty
1, 2
- Type
CPU, DIMM 288-pin, PCIe 2.0 x1, PCIe 3.0 x16

Software

- Software Included
@BIOS, Cloud Station, Xpress Install, cFosSpeed, EasyTune, GIGABYTE App Center, GIGABYTE Fast Boot, GIGABYTE Smart Backup, GIGABYTE Smart Keyboard, GIGABYTE USB Blocker, Norton Internet Security, Smart TimeLock

Video Memory

- Max Allocated RAM Size
512 MB

Dimensions & Weight

- Width : 8.9 in X Depth : 6.9 in

Storage Interfaces

- Interface
Serial ATA-600
- Connector(s)
4 x 7pin Serial ATA
- Supported Devices Qty
4

Internal Interfaces

- Type
SPDIF out, USB 2.0, USB 3.0, audio
- Connector Type
header
- Qty
1, 2, 4

Features

- BIOS Type
AMI
- BIOS Features
WfM 2.0 support, UEFI BIOS, SMBIOS 2.7 support, DMI 2.7 support, ACPI 5.0 support
- Hardware Features
Q-Flash, AutoGreen, GIGABYTE Smart Switch, Intel Small Business Basics support, Audio Noise Guard
- Hardware Monitoring
CPU core temperature, chassis temperature, CPU fan tachometer, chassis fan tachometer, system voltage, CPU overheating protection

General

- Manufacturer
Gigabyte Technology Co. Ltd.