



GIGABYTE H81M-S1 Motherboard

Product Specification

Brand	GIGABYTE
Model	GA-H81M-S1
Type	MotherBoard
Chipset	Intel H81 Express Chipset
Supported	Intel Core i7 i5 i3 Pentium Celeron in LGA1150 Processors
Memory Suppotrs	2 x 1.5V DDR3 DIMM sockets supporting up to 16 GB of system memory Dual channel memory architecture Support for DDR3 1600/1333 MHz memory modules Support for non-ECC memory modules Support for Extreme Memory Profile (XMP) memory modules
Type of Graphics (onboard / Dedicated)	On-Board Integrated Graphics Processor 1 x D-Sub port, supporting a maximum resolution of 1920x1200 Maximum shared memory of 1 GB
WLAN	Realtek GbE LAN chip (10/100/1000 Mbit)
Audio	Realtek ALC887 codec High Definition Audio 2/4/5.1/7.1-channel
Expansion Slots	1 x PCI Express x16 slot, running at x16 2 x PCI Express x1 slots
Storage Interface	2 x SATA 6Gb/s connectors (SATA3 0/1) 2 x SATA 3Gb/s connectors (SATA2 2/3)
USB Ports	2 USB 3.0/2.0 ports on the back panel 6 USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)

Connectivity	1 x 24-pin ATX main power connector 1 x 4-pin ATX 12V power connector 2 x SATA 6Gb/s connectors 2 x SATA 3Gb/s connectors 1 x CPU fan header 1 x system fan header 1 x front panel header 1 x front panel audio header 2 x USB 2.0/1.1 headers 1 x Clear CMOS jumper
Connectivity	Back Panel : 1 x PS/2 mouse port 1 x PS/2 Keyboard port 1 x D-Sub port 2 x USB 3.0/2.0 ports 2 x USB 2.0/1.1 ports 1 x RJ-45 port 3 x audio jacks (Line In, Line Out, Mic In)
I/O	iTE I/O Controller Chip
H/W Monitoring	System voltage detection CPU/System temperature detection CPU/System fan speed detection CPU/System overheating warning CPU/System fan fail warning CPU/System fan speed control
BIOS	1 x 64 Mbit flash Use of licensed AMI EFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Unique Features	Support for Q-Flash Support for Xpress Install Support for APP Center Support for ON/OFF Charge
Operating System Support	Windows 10 8.1 8 7
Form Factor	Micro ATX Form Factor 22.6cm x 17cm