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