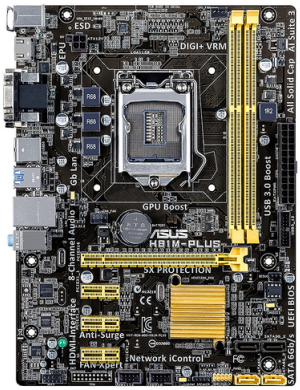
ASUS H81M-PLUS Intel® H81 LGA 1150 (Socket H3) micro ATX



Brand : ASUS

Product code: 90MB0GI0-M0EAY0

Product name : H81M-PLUS

Intel LGA 1150, i7/ i5/ i3/ Pentium/ Celeron, Intel H81, 2 x DIMM, 16GB DDR3 1600/1333/1066 MHz Non-ECC, Un-buffered, 3 x PCIe 2.0 x 1, 1 x PCIe x16, 2 x SATA 6Gb/s, 2 x SATA 3Gb/s, Gigabit Ethernet, uATX ASUS H81M-PLUS. Processor manufacturer: Intel, Processor socket: LGA 1150 (Socket H3), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR3-SDRAM, Maximum memory: 16 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA II, SATA III. Maximum graphics card memory: 1024 MB, Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111G

Processor	
Processor manufacturer *	Intel
Processor socket *	LGA 1150 (Socket H3)
Compatible processor series *	Intel® Celeron®, Intel® Pentium®

Memory	
Supported memory types *	DDR3-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	1066,1333,1600 MHz
Maximum memory *	16 GB
Unbuffered memory	✔

Storage controllers	
Supported storage drive interfaces *	SATA II, SATA III

Graphics	
Maximum graphics card memory	1024 MB
Parallel processing technology support *	Not supported
Maximum resolution	4096 x 2160 pixels
Discrete graphics support	✔

Internal I/O	
USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	2

Rear panel I/O ports	
USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	2
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
DVI-D ports quantity *	1
Headphone outputs	1
Microphone in	✔

Network	
Ethernet LAN connection	✔
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111G

Features	
Chipset *	Intel® H81
Audio chip	Realtek ALC887
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Power source type	ATX

Internal I/O	
Number of SATA II connectors	2
Number of SATA connectors	4
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
Number of EATX power connectors	1
CPU fan connector	✔
Number of chassis fan connectors	1
Chassis intrusion connector	✔
Peripheral (Molex) power connectors (4-pin)	2

Features	
Windows operating systems supported	Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64

Expansion slots	
PCI Express x1 (Gen 2.x) slots	3
PCI Express x16 (Gen 2.x) slots	1

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	64 Mbit
ACPI version	2.0a
Clear CMOS jumper	✔

Processor special features	
Intel Clear Video HD Technology	✔

Weight & dimensions	
Width	244 mm
Depth	183 mm

Packaging content	
Cables included	SATA
Drivers included	✔

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