

## A5545MX7 Motherboard








- AMD A8-5545M (Quad core 2.7GHz, 19W) Processor
- Support AMD A68H single chip architecture
- Support Dual Channel DDR3 1333
- Support USB 3.1 Gen1
- Super LAN Surge Protection

### Specification

CPU SUPPORT	A8-5545M (Quad core 1.7GHz up to 2.7GHz, 19W)
MEMORY	Supports Dual Channel DDR3 1333 2 x DDR3 DIMM Memory Slot, Max. Supports up to 32 GB Memory Each DIMM supports non-ECC 4/ 8/ 16 GB DDR3 module * Please refer to <a href="http://www.biostar.com.tw">www.biostar.com.tw</a> for Memory support list.
STORAGE	4x SATA III Connector (6Gb/s) : Supports AHCI & RAID 0,1,10
LAN	Realtek RTL 8111H 10/ 100/ 1000 Mb/s auto negotiation, Half / Full duplex capability Support Super LAN Surge Protection
AUDIO CODEC	ALC887 7.1 Channels, High Definition Audio
USB	2x USB 3.1 (Gen1) port (2 on rear I/Os) 6x USB 2.0 port (2 on rear I/Os and 4 via internal headers)
EXPANSION SLOT	2x PCI Slot 1x PCIe 2.0 x16 Slot (x8)
REAR I/O	1x PS/2 Mouse 1x PS/2 Keyboard 1x VGA Port 1x DVI Port 1x LAN port 2x USB 3.1 (Gen1) Port 2x USB 2.0 Port 3x Audio Jack

INTERNAL I/O	4x SATA III 6.0Gb/s Connector 2x USB 2.0 Header (each header supports 2 USB 2.0 ports) 1x 4-Pin Power Connector 1x 24-Pin Power Connector 1x CPU Fan Connector 1x System Fan Connector 1x Front Panel Header 1x Front Audio Header 1x Clear CMOS Header 1x Serial Port Header
DIMENSION	Micro ATX Form Factor Dimension: 226 mm x 170 mm ( W x L )
OS SUPPORT	Supports Windows 7/ 8/ 8.1/10 *Biostar reserves the right to add or remove support for any OS with or without notice.
ACCESSORIES	2 x SATA Cable 1 x I/O Shield 1 x DVD Driver 1 x Quick Guide

## OVERVIEW

	<p><b>AMD A68H chipset</b></p> <p>AMD® A68H chipset is designed to support up to 5GT/s interface speed and PCI Express™ 3.0/2.0 graphics. It natively supports SATA 6Gb/s ports and USB 3.0 Ports.</p>
	<p><b>HD Audio</b></p> <p>Provides high quality sound with minimal loss of audio fidelity.</p>
	<p><b>DVI</b></p> <p>DVI is better than VGA for LCD displays since it is digital while VGA is analog. For LCD displays, the picture is digitized pixel per pixel. Through DVI, the panel gets data for each pixel, so the picture generated in the Graphics device matches the pixels on the panel itself.</p>
	<p><b>USB 3.1 Gen 1 Type-A</b></p> <p>Experience Fastest data transfers at 5 Gbps with USB 3.1 Gen 1--the new latest connectivity standard. Built to connect easily with next-generation components and peripherals, USB 3.1 Gen 1 transfers data 10X faster and backward compatible with previous USB 2.0 components.</p>
	<p><b>SATAIII 6Gbps</b></p> <p>SATAIII 6Gbps provides a higher bandwidth to retrieve and transfer HD media. With this super speed data transfer, SATAIII allows an incredible data boost which is 2x faster than the SATA II.</p>



## Super LAN Surge Protection

Super LAN Surge Protection, providing LAN port with more advanced antistatic protection capabilities by adding an integrated chip to strengthen electrical stability and prevent damage from lightning strikes and electrical surges. SLSP (Super LAN Surge Protection) series motherboard upgrades the existing system protection standards with maximum 4X protection comparing to other board makers.

\*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!



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