

ECS A880GM-M7 V2.0

AMD 880G board with ACC function for Socket AM3 Processor

The A880GM-M7 brings out the best of AMD 880G and SB710 chipset to pair with the AMD's Phenom II processors. Supporting DDR3 1600(OC) memory and equipped with DVI output and Gigabit LAN makes A880GM-M7 simply irresistible. Moreover, the Special ACC function gives you the extra edge and without additional cost to improve the performance. A880GM-M7 is the ideal choice for AMD platform.

CPU	<ul style="list-style-type: none">◦ Socket AM3 socket for AMD Phenom™ II processors◦ Support 95W Phenom™ II X6 processors◦ High-performance HyperTransport 3.0 CPU Interface◦ Note: This board supports CPU up to 95W TDP only; you can refer to AMD website to check your CPU.
CHIPSET	<ul style="list-style-type: none">◦ AMD® 880G & AMD® SB710◦ North Bridge: AMD® 880G◦ South Bridge: AMD® SB710
GRAPHICS	<ul style="list-style-type: none">◦ On Chip(AMD 880G-based with ATI™ Radeon HD4250 graphics)◦ Share Memory: Maximum up to 512MB◦ Integrated DirectX10.1 graphics processor
MEMORY	<ul style="list-style-type: none">◦ Dual-channel DDR3 memory architecture◦ 2 x 240-pin DDR3 DIMM socket support up to 16 GB*◦ Support DDR3 up to 1600(OC)/1333/1066 DDR3 SDRAM◦ *(Due to the DRAM maximum size is 4GB at present, the memory maximum size we have tested is 8GB)◦ *(Due to AMD CPU spec limitation, please refer to Memory QVL for more information) <p>Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® 32-bit OS.</p> <p>For Windows® 64-bit OS with 64-bit CPU, there is no such limitation</p>
EXPANSION SLOT	<ul style="list-style-type: none">◦ 1 x PCI Express x16 Gen2.0 slot◦ 1 x PCI Express x1 slot◦ 2 x PCI slots
STORAGE	<ul style="list-style-type: none">◦ Support by AMD® SB710<ul style="list-style-type: none">• 2 x Ultra DMA133/100/66 devices• 6 x Serial ATA 3.0Gb/s devices• RAID0, RAID1, RAID10 configuration
AUDIO	<ul style="list-style-type: none">◦ VIA® VT1705 6-channel audio CODEC◦ Compliant with HD audio specification
LAN	<ul style="list-style-type: none">◦ Atheros AR8131 Gigabit Fast Ethernet Controller (AR8132 10/100 Lan optional)
REAR PANEL I/O	<ul style="list-style-type: none">◦ 1 x PS/2 keyboard & PS/2 mouse connectors◦ 1 x D-sub(VGA)◦ 1 x DVI connector◦ 1 x Serial port (COM1)

	<ul style="list-style-type: none"> ° 1 x RJ45 LAN connector ° 1 x Audio port (Line-in, Line-out, Mic-in) ° 4 x USB 2.0 Ports
INTERNAL I/O CONNECTORS & HEADERS	<ul style="list-style-type: none"> ° 1 x 24-pin ATX Power Supply connector ° 1 x 4-pin 12V Connector ° 1 x 4pin CPU_FAN connectors ° 1 x 3-pin SYS_FAN connector ° 1 x IDE connector ° 1 x Speaker header ° 1 x Front panel switch/LED header ° 1 x Front panel audio header ° 1 x SPDIF out header ° 1 x Clear CMOS header ° 1x CD in header ° 6 x Serial ATA 3Gb/s connectors ° 3 x USB 2.0 headers support additional 6 USB ports
SYSTEM BIOS	<ul style="list-style-type: none"> ° AMI BIOS with 8Mb SPI Flash ROM ° Supports Plug and Play, STR (S3) / STD (S4) , Hardware monitor, Multi Boot ° Audio, LAN, can be disabled in BIOS ° F11 hot key for boot up devices option ° Support over-clocking ° Support eJIFFY
FORM FACTOR	<ul style="list-style-type: none"> ° Micro-ATX Size, 244mm*210mm