

A88XM-PLUS

Note: The specifications are subject to change without notice.

CPU	AMD® FM2+ Socket for AMD® A- series/Athlon™Series Processors
	AMD® Turbo Core Technology 3.0 Supports
	Supports CPU up to 4 cores
Chipset	AMD® A88X FCH (Bolton D4)
Memory	4 x DIMM, Max. 64GB, DDR3 2400(O.C.)/2250(O.C.)/2200(O.C.)/2133//1866/1600/1333 MHz Non-ECC, Un-buffered Memory
	Dual Channel Memory Architecture
	Support AMD Memory Profile(AMP) memory
	* The Max. 64GB memory capacity can be supported with DIMMs of 16GB (or above). ASUS will update QVL once the DIMMs are available on the market.
	** Hyper DIMM support is subject to the physical characteristics of individual CPUs
	*** Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
Graphics	Integrated AMD Radeon™ HD 8000/7000 Series Graphics in the A-Series APU
	Multi-VGA output support : HDMI/DVI/RGB ports
	- Supports HDMI with max. resolution 4096 x 2160 @ 24 Hz / 1920 x 1200 @ 60 Hz
	- Supports DVI with max. resolution 2560 x 1600 @ 60 Hz
	- Supports RGB with max. resolution 1920 x 1600 @ 60 Hz
	Maximum shared memory of 2048 MB
	AMD® Dual Graphics technology support*
	*Only FM2+ APU can support up to 4096 x 2160 resolution display via HDMI port
*Refer to http://www.amd.com/us/products/technologies/dual-graphics/Pages/dual-graphics.aspx#3 for the discrete GPUs which support Dual Graphics technology	
Multi-GPU Support	Supports AMD Quad-GPU CrossFireX™ Technology
Expansion Slots	1 x PCIe 3.0*/2.0 x16 (@x16 mode)
	1 x PCIe 2.0 x16 (@x4 mode)
	1 x PCI Express 2.0 x1 slot
	1 x PCI slot
	*Only FM2+ processors can support PCIe3.0
Storage	AMD A88X FCH(Bolton D4) chipset :
	8 x SATA 6Gb/s port(s), yellow
	Support Raid 0, 1, 5, 10 and JBOD
LAN	Realtek® 8111G, 1 x Gigabit LAN Controller(s)
Audio	Realtek ALC887 8-channel* High Definition Audio CODEC
	- Supports Jack-Detection, Multi-Streaming and Front Panel Jack-Retasking * Use a chassis with HD audio module in the front panel to support an 8-channel audio output
USB Port	AMD A88X FCH(Bolton D4) chipset :
	4 x USB 3.0 port(s) (2 at back panel, blue, 2 at mid-board)
	AMD A88X FCH(Bolton D4) chipset :
	10 x USB 2.0 port(s) (4 at back panel, black, 6 at mid-board)
	ASUS 5X Protection

Special Features	<ul style="list-style-type: none"> - ASUS motherboards safeguard your PC with 5X Protection: DIGI+VRM, DRAM Fuse, ESD Guards, High-Quality Solid Capacitors, and Stainless Steel Back I/O to ensure the best quality, reliability, and durability. <p>ASUS DIGI + VRM</p> <ul style="list-style-type: none"> - ASUS DIGI+ VRM: Digital Power Design for the APU - ASUS 4+2 Phase Power Design <p>ASUS DRAM Fuse</p> <ul style="list-style-type: none"> - Enhanced DRAM overcurrent protection and short circuit damage prevention <p>ASUS ESD Guards</p> <ul style="list-style-type: none"> - Strong ESD protection for extended component lifespan <p>ASUS High-Quality Solid Capacitors</p> <ul style="list-style-type: none"> - 2.5x Longer lifespan with excellent durability <p>ASUS Stainless Steel Back I/O</p> <ul style="list-style-type: none"> - 3x More durable corrosion-resistant coating <p>ASUS Exclusive Features :</p> <ul style="list-style-type: none"> - ASUS EPU - ASUS GPU Boost - ASUS TurboV EVO - ASUS MemOK! - ASUS AI Suite 3 - ASUS Ai Charger - ASUS Anti-Surge - ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface - ASUS Network iControl - ASUS USB 3.0 Boost - Disk Unlocker <p>ASUS Quiet Thermal Solution :</p> <ul style="list-style-type: none"> - Stylish Fanless Design Heat-sink solution & MOS Heatsink - ASUS Fan Xpert 2 <p>ASUS EZ DIY :</p> <ul style="list-style-type: none"> - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2 - ASUS MyLogo 2 <p>ASUS Q-Design :</p> <ul style="list-style-type: none"> - ASUS Q-Slot
Back Panel I/O Ports	1 x PS/2 Keyboard
	1 x PS/2 Mouse
	1 xHDMI Port
	1 x DVI Port
	1 x D-Sub Output port
	1 x LAN (RJ45) port
	2x USB 3.0 ports
	4 x USB 2.0 ports

	8 channel Audio 3 Jacks
Onboard Connector	1 x USB 3.0 connector(s) support(s) additional 2 USB 3.0 port(s) (19-pin)
	3 x USB 2.0 connectors support additional 6 USB 2.0 ports
	1 x TPM connector
	1 x LPT connector
	1 x COM Port connector
	8 x SATA 6Gb/s connectors
	1 x CPU Fan connector(s) (4 -pin)
	2 x Chassis Fan connector(s) (4 -pin)
	1 x S/PDIF out header(s)
	1 x 24-pin EATX Power connector(s)
	1 x 4-pin ATX 12V Power connector(s)
	1 x Front panel audio connector(s) (AAFP)
	1 x System panel(s)
	1 x MemOK! button(s)
	1 x GPU Boost switch(es)
	1 x Clear CMOS jumper(s)
BIOS	64 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.7, ACPI 2.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree BIOS 3, F12 PrintScreen Function, F3 Shortcut Function and ASUS DRAM SPD (Serial Presence Detect) memory information
Accessories	2 x Serial ATA 6Gb/s cables
	1x IO Shield
	User's manual
Support DVD	Drivers
	ASUS utilities
	ASUS Update
	Anti-virus software (OEM version)
Operating System Support	Windows® 8.1 / 8.1 64-bit
	Windows® 8 / 8 64-bit
	Windows® 7 / 7 64-bit
	Windows® XP
Form factor	uATX Form Factor,9.6 inch x 9.2 inch (24.4 cm x 23.4 cm)

