

## A88XM-A

Note: The specifications are subject to change without notice.

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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU             | AMD Socket FM2+ for A- series/Athlon™ Series Processors                                                                                                                                                                                                             |
|                 | Supports CPU up to 4 cores                                                                                                                                                                                                                                          |
|                 | AMD® Turbo Core Technology 3.0 support                                                                                                                                                                                                                              |
|                 | * Refer to <a href="http://www.asus.com">www.asus.com</a> for the AMD® CPU support list.                                                                                                                                                                            |
| Chipset         | AMD® A88X FCH                                                                                                                                                                                                                                                       |
| Memory          | 4 x DDR3 DIMM, max. 64GB, DDR3 2133/ 1866/1600/1333 MHz, non-ECC un-buffered memory Dual Channel memory architecture                                                                                                                                                |
|                 | *The Max. 64 GB memory capacity can be supported with DIMMs of 16GB (or above). ASUS will update QVL once the DIMMs are available in the market.                                                                                                                    |
|                 | * Refer to <a href="http://www.asus.com">www.asus.com</a> or user manual for Memory QVL (Qualify Vendor List)                                                                                                                                                       |
|                 | * Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize 3GB. Install a 64-bit Windows® OS when you want to install 4GB or more memory on the motherboard                                  |
|                 | *Hyper DIMM support is subject to the physical characteristics of individual CPUs.                                                                                                                                                                                  |
| Graphics        | Integrated AMD Radeon™ HD8000/7000 Series Graphics in the A-Series APU                                                                                                                                                                                              |
|                 | Multi-VGA output support: HDMI/DVI/D-Sub port                                                                                                                                                                                                                       |
|                 | - Supports HDMI with max. resolution 1920 x 1200@60Hz                                                                                                                                                                                                               |
|                 | - Supports Dual-link DVI with max. resolution 2560 x 1600@60Hz                                                                                                                                                                                                      |
|                 | - Supports D-Sub with max. resolution 1920 x 1600@60Hz                                                                                                                                                                                                              |
|                 | - Supports Microsoft® DirectX 11                                                                                                                                                                                                                                    |
|                 | - Maximum shared memory of 2G                                                                                                                                                                                                                                       |
|                 | - Supports AMD® Dual Graphics technology                                                                                                                                                                                                                            |
|                 | * Refer to <a href="http://www.amd.com/us/products/technologies/dual-graphics/Pages/dual-graphics.aspx#3">http://www.amd.com/us/products/technologies/dual-graphics/Pages/dual-graphics.aspx#3</a> for the discrete GPUs which support AMD Dual Graphics technology |
| Expansion Slots | 1x PCI Express 3.0*/2.0 x16 slot                                                                                                                                                                                                                                    |
|                 | 1 x PCI Express 2.0 x1 slot                                                                                                                                                                                                                                         |
|                 | 1 x PCI slot                                                                                                                                                                                                                                                        |
|                 | *Only FM2+ CPU can support PCIe 3.0                                                                                                                                                                                                                                 |
| Storage         | AMD® A88X FCH:                                                                                                                                                                                                                                                      |
|                 | 6 x Serial ATA 6Gb/s connectors(gray) with RAID 0, RAID 1,RAID 5,RAID 10 and JBOD support                                                                                                                                                                           |
| LAN             | Realkt 8111G Gigabit LAN controller                                                                                                                                                                                                                                 |
| Audio           | Realtek® ALC 887-VD 8-Channel High Definition Audio CODEC                                                                                                                                                                                                           |
|                 | *Use a chassis with HD audio module in the front panel to support an 8-channel audio output.                                                                                                                                                                        |
| USB             | AMD® A88X FCH :                                                                                                                                                                                                                                                     |
|                 | - 4 x USB 3.0 port(s) (2 at back panel, blue, 2 at mid-board)                                                                                                                                                                                                       |
|                 | AMD® A88X FCH :                                                                                                                                                                                                                                                     |
|                 | -6 x USB2.0 ports(2 ports at back panel,4 ports at mid-board)                                                                                                                                                                                                       |
|                 | <b>ASUS 5X Protection :</b>                                                                                                                                                                                                                                         |
|                 | - ASUS DIGI+ VRM -3+2 Phase digital power design                                                                                                                                                                                                                    |
|                 | - ASUS Enhanced DRAM Overcurrent Protection - Short circuit damage prevention                                                                                                                                                                                       |
|                 | - ASUS ESD Guards - Enhanced ESD protection                                                                                                                                                                                                                         |
|                 | - ASUS High Quality 5K-Hour Solid Capacitors - 2.5x long lifespan with excellent durability                                                                                                                                                                         |
|                 | - ASUS Stainless Steel Back I/O - 3x more durable corrosion-resistant coating                                                                                                                                                                                       |
|                 | <b>ASUS EPU</b>                                                                                                                                                                                                                                                     |
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|----------------------|-----------------------------------------------------------------------------|
| ASUS Unique Features | - EPU                                                                       |
|                      | <b>ASUS Exclusive Features</b>                                              |
|                      | - ASUS USB 3.0 Boost                                                        |
|                      | - ASUS Network iControl                                                     |
|                      | - ASUS AI Suite 3                                                           |
|                      | - ASUS Anti-Surge                                                           |
|                      | - ASUS ESD                                                                  |
|                      | - Ai Charger                                                                |
|                      | - Disk unlocker                                                             |
|                      | - ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface         |
| Back Panel I/O Ports | - 100% All High-quality Conductive Polymer Capacitors                       |
|                      | <b>ASUS Quiet Thermal Solution</b>                                          |
|                      | - ASUS Fan Xpert                                                            |
|                      | - Stylish Fanless Design Heat-sink solution                                 |
|                      | <b>ASUS EZ DIY</b>                                                          |
|                      | - ASUS CrashFree BIOS 3                                                     |
|                      | - ASUS EZ Flash 2                                                           |
|                      | - ASUS MyLogo 2                                                             |
|                      | 1 x PS/2 Keyboard                                                           |
|                      | 1 x PS/2 Mouse                                                              |
| Onboard Connector    | 1 x HDMI Port                                                               |
|                      | 1 x DVI Port                                                                |
|                      | 1 x D-Sub Output port                                                       |
|                      | 1 x LAN (RJ45) port                                                         |
|                      | 2 x USB 3.0 ports                                                           |
|                      | 2 x USB 2.0/1.1 ports                                                       |
|                      | 8 channel Audio(3 Jacks)                                                    |
|                      | 1 x USB 3.0 connector supports additional 2 USB ports                       |
|                      | 2 x USB 2.0 connectors support additional 4 USB 2.0 ports                   |
|                      | 6 x SATA 6Gb/s connectors                                                   |
| BIOS                 | 1 x System Panel connector                                                  |
|                      | 1 x Internal Speaker connector                                              |
|                      | 1 x CPU Fan connectors                                                      |
|                      | 1 x SPDIF_out connectors                                                    |
|                      | 1 x Chassis Fan connectors                                                  |
|                      | 1 x High Definition front panel audio connector                             |
|                      | 1 x COM header                                                              |
|                      | 24-pin EATX power connector                                                 |
|                      | 4-pin ATX 12V Power connector                                               |
|                      | 64 Mb Flash ROM, UEFI BIOS, PnP, DMI v2.0, WfM2.0, SM BIOS V2.6, ACPI V2.0a |
|                      | 2 x Serial ATA 6Gb/s cables                                                 |

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|-----------------------------|--------------------------------------------|
| Accessories                 | 1x IO Shield                               |
|                             | 1 x Support DVD                            |
|                             | User's manual                              |
| Support DVD                 | Drivers                                    |
|                             | ASUS utilities                             |
|                             | ASUS Update                                |
|                             | Anti-virus software (OEM version)          |
| Operating<br>System Support | Windows® 8 / 8 64-bit                      |
|                             | Windows® 7 / 7 64-bit                      |
|                             | Windows® XP                                |
| Form factor                 | mATX Form Factor, 9.3*8.2(23.6cm x 20.8cm) |