- CPU

  AMD Socket FM2+ Athlon™/A- Series Processors
  Supports CPU up to 4 cores
  Supports AMD® Turbo Core 3.0 Technology
  * Refer to www.asus.com for CPU support list

- Chipset

  AMD A88X (Bolton D4)

- Memory

  4 x DIMM, Max. 64GB, DDR3
  2666(O.C.)/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).

- Graphic

  Integrated AMD Radeon™ R/HD8000/HD7000 Series Graphics in the A-Series APU
  Multi-VGA output support : HDMI/DVI-D/RGB ports
  - Supports HDMI with max. resolution 4096 x 2160 @ 24 Hz / 1920 x 1200 @ 60 Hz*[1]
  - Supports DVI-D 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

- Multi-GPU Support

  Supports AMD 3-Way CrossFireX™ Technology

- Expansion Slots

  2 x PCIe 3.0/2.0 x16 (Single at x16, dual at x8/x8, red) *[2]
  1 x PCIe 2.0 x16 (max at x4 mode, black)
  2 x PCIe 2.0 x1
  2 x PCI

- Storage

AMD A88X FCH(Bolton D4) chipset :
8 x SATA 6Gb/s port(s),
Support Raid 0, 1, 5, 10, JBOD

- LAN

  Intel® I211-AT, 1 x Gigabit LAN Controller(s)

- Audio

  ROG SupremeFX 8-Channel High Definition Audio CODEC
  - Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking
  - SupremeFX Shielding Technology
  - ELNA® premium audio capacitors
  Audio Feature :
  - DTS Connect
  - Optical S/PDIF out port(s) at back panel
  - Sonic SoundStage
  - Sonic SenseAmp
  - Sonic Studio
  - Sonic Radar II

- USB Ports

  ASMedia® USB 3.0 controller :
  2 x USB 3.1 Gen 1 port(s) (2 at back panel, blue)
  AMD A88X FCH(Bolton D4) chipset :
  4 x USB 3.1 Gen 1 port(s) (2 at back panel, blue, 2 at mid-board)
  AMD A88X FCH(Bolton D4) chipset :
  8 x USB 2.0 port(s) (2 at back panel, , 6 at mid-board)

- ROG Exclusive Features

  Extreme Engine Digi+ III :
  - Full Digital CPU/DRAM Power
  - NexFET™ Power Block MOSFET
  - New Alloy Chokes
  - 10K Black Metallic Capacitors
  ROG Extreme OC kit :
  - Slow Mode
  - LN2 Mode
  ProbeIt
  KeyBot
  - CPU Level Up
  - XMP
  - Direct Key

UEFI BIOS features :
- GPU.DIMM Post
- Tweakers' Paradise
- ROG SSD Secure Erase
- Graphic Card Information Preview
ROG RAMDisk
GameFirst III
Extreme Tweaker
USB BIOS Flashback

- Special Features

ASUS Dual Intelligent Processors 5-Way Optimization by Dual Intelligent Processors 5 :
- The tuning key perfectly consolidates ASUS-exclusive DIGI+ Power Control, TPU, EPU, and Fan Xpert 3 optimize the digital power setting, system performance, power saving and whole system cooling configuration
ASUS Exclusive Features :
- MemOK!
- AI Suite 3
- Ai Charger+
- USB Charger+
- USB 3.0 Boost
- Disk Unlocker
Interactive HomeCloud
- Media Streamer
ASUS Quiet Thermal Solution :
- Stylish Fanless Design Heat-sink solution & MOS Heatsink
- ASUS Fan Xpert 3
ASUS EZ DIY :
- ASUS CrashFree BIOS 3
- ASUS EZ Flash 2
- ASUS UEFI BIOS EZ Mode
- Push Notice
ASUS Q-Design :
- ASUS Q-Shield
- ASUS Q-Code
- ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED)
- ASUS Q-Slot
- ASUS Q-DIMM
- ASUS Q-Connector

- Operating System Support

Windows® 8.1
Windows® 8
Windows® 7

- Back I/O Ports

  1 x PS/2 keyboard/mouse combo port(s)
  1 x DVI-D
  1 x D-Sub
  1 x HDMI
  1 x LAN (RJ45) port(s)
  4 x USB 3.1 Gen 1 (blue)
  2 x USB 2.0
  1 x Optical S/PDIF out
  6 x Audio jack(s)
  1 x USB BIOS Flashback Button(s)

- Internal I/O Ports

  1 x USB 3.1 Gen 1 connector(s) support(s) additional 2 USB 3.1 Gen 1 port(s)
  3 x USB 2.0 connector(s) support(s) additional 6 USB 2.0 port(s)
  1 x TPM header
  8 x SATA 6Gb/s connector(s)
  1 x CPU Fan connector(s) (1 x 4 -pin)
  1 x CPU OPT Fan connector(s) (1 x 4 -pin)
  3 x Chassis Fan connector(s) (3 x 4 -pin)
  1 x 24-pin EATX Power connector(s)
  1 x 8-pin ATX 12V Power connector(s)
  1 x Front panel audio connector(s) (AAFP)
  1 x System panel(s)
  1 x DRCT header(s)
  1 x MemOK! button(s)
  1 x Slow Mode switch(es)
  7 x ProbeIt Measurement Points
  1 x Power-on button(s)
  1 x Reset button(s)
  1 x Clear CMOS button(s)
  1 x LN2 Mode jumper(s)
  1 x ROG extension (ROG_EXT) header(s)
  1 x KeyBot Button
  1 x Sonic SoundStage Button

- Accessories

  User's manual
  I/O Shield

4 x SATA 6Gb/s cable(s)
1 x Q-connector(s) (2 in 1)
1 x 12 in 1 ROG Cable Label(s)
1 x ROG Door Hanger(s)
1 x ROG Mouse Mat

- BIOS

  64Mb UEFI AMI BIOS, PnP, DMI2.7, WfM2.0, SM BIOS 2.7, ACPI5.0a, Multi-Language BIOS

- Manageability

  WfM 2.0, DMI 2.7, WOL by PME, PXE

- Support Disc

  Drivers
  ROG GameFirst III
  ROG RAMDisk
  ROG CPU-Z
  Kaspersky® Anti-Virus
  DAEMON Tools Pro Standard
  ASUS WebStorage
  HomeCloud
  ASUS Utilities

- Operating System

  Windows® 8.1 32/64-bit
  Windows® 8 32/64-bit
  Windows® 7 32/64-bit

- Form Factor

  ATX Form Factor
  12 inch x 9.6 inch (30.5 cm x 24.4 cm)

- Management Solution

  WfM 2.0, DMI 2.7, WOL by PME, PXE

- Note

  1: Only FM2+ APU can support up to 4096 x 2160 resolution display via HDMI port.

2: Only FM2+ processors can support PCIe 3.0.

3: 1 x USB 2.0 connectors support additional 2 USB 2.0 ports(2 ports share with ROG_EXT header).

- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

- Specifications and features vary by model, and all images are illustrative. Please refer specification pages for full details.
- *Precise specifications and features vary by model . Please refer to the specification page
- The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.