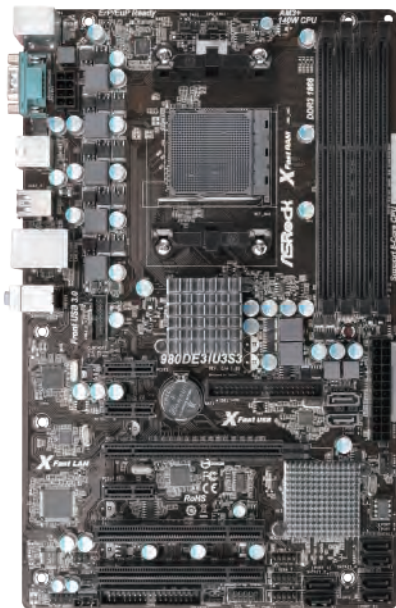


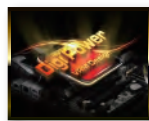
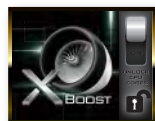
980DE3/U3S3

AMD RX881/760G + SB710 Chipsets

ASRock
www.asrock.com



Compatible with



Google Chrome
Browser & Toolbar

Product Brief

- 100% All Solid Capacitor design
- Supports AM3+ Processor, 8-Core CPU
- Supports Digi Power
- Supports Dual Channel DDR3 1866(OC)
- 1 x PCIe 2.0 x16, 3 x PCIe 2.0 x1
- 4 x USB 3.0, 2 x SATA3
- 5.1 CH HD Audio (Realtek ALC662 Audio Codec), Supports THX TruStudio
- Supports ASRock X-Boost, XFast 555, App Charger
- Free Bundle : CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite, Google Chrome Browser and Toolbar


Detail Specification

Platform	- ATX Form Factor: 12.0-in x 7.5-in, 30.5 cm x 19.1 cm - All Solid Capacitor design
CPU	- Support for Socket AM3+ processors - Support for Socket AM3 processors: AMD Phenom™ II X6 / X4 / X3 / X2 (except 920 / 940) / Athlon II X4 / X3 / X2 / Sempron processors - Supports 8-Core CPU - Digi Power Design - Supports CPU up to 140W - Supports AMD OverDrive™ with ACC feature (Advanced Clock Calibration) - Supports AMD's Cool 'n' Quiet Technology - FSB 2600 MHz (5.2 GT/s) - Supports Untied Overclocking Technology - Supports Hyper-Transport 3.0 (HT 3.0) Technology
Chipset	- Northbridge: AMD RX881/760G - Southbridge: AMD SB710
Memory	- Dual Channel DDR3 memory technology - 4 x DDR3 DIMM slots - Supports DDR3 1866(OC)/1600(OC)/1333/1066/800 non-ECC, un-buffered memory - Max. capacity of system memory: 32GB
Expansion Slot	- 1 x PCI Express 2.0 x16 slot (PCIe3 @ x16 mode) - 3 x PCI Express 2.0 x1 slots - 2 x PCI slots
Audio	- 5.1 CH HD Audio (Realtek ALC662 Audio Codec) - Supports THX TruStudio™
LAN	- PCI-E x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111E - Supports Wake-On-LAN - Supports LAN Cable Detection - Supports Energy Efficient Ethernet 802.3az - Supports PXE
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Serial Port: COM1 - 4 x Ready-to-Use USB 2.0 Ports - 2 x Ready-to-Use USB 3.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Line in / Front Speaker / Microphone
SATA3	- 2 x SATA3 6.0 Gb/s connectors by ASMedia ASM1061, support NCQ, AHCI and Hot Plug
USB 3.0	- 2 x Rear USB 3.0 ports by Etron EJ188, support USB 1.1/2.0/3.0 up to 5Gb/s - 1 x Front USB 3.0 header by Etron EJ188 (supports 2 USB 3.0 ports), supports USB 1.1/2.0/3.0 up to 5Gb/s
Connector	- 6 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10 and JBOD), NCQ, AHCI and Hot Plug - 2 x SATA3 6.0 Gb/s connectors - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x IR header - 1 x HDMI_SPDIF header - 1 x Power LED header - 1 x CPU Fan connector (4-pin) - 1 x Chassis Fan connector (4-pin) - 1 x Power Fan connector (4-pin) - 24 pin ATX power connector - 8 pin 12V power connector - CD in header - Front panel audio connector - 3 x USB 2.0 headers (support 6 USB 2.0 ports) - 1 x USB 3.0 header (supports 2 USB 3.0 ports)
BIOS Feature	- 8Mb AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - CPU, VCCM, NB Voltage Multi-adjustment
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version), AMD OverDrive™ Utility, CyberLink MediaEspresso 6.5 Trial, ASRock MAGIX Multimedia Suite - OEM, Google Chrome Browser and Toolbar
Unique Feature	- ASRock OC Tuner - ASRock Intelligent Energy Saver - ASRock Instant Boot - ASRock Instant Flash - ASRock OC DNA - ASRock APP Charger - ASRock XFast USB - ASRock XFast LAN - ASRock XFast RAM - ASRock X-Boost - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/Power Fan Tachometer - CPU Quiet Fan - CPU/Chassis/Power Fan Multi-Speed Control - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
OS	- Microsoft® Windows® 8 / 8 64-bit / 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP Media Center / XP 64-bit compliant
Certifications	- FCC, CE, WHQL - ErP/EuP Ready (ErP/EuP ready power supply is required)
Accessories	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA data cables

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X-BOOST

ASRock's X-Boost Technology is a smart auto-overclocking function and is brilliantly designed to unlock the hidden cores of your CPUs. Simply press "X" when turning on the PC, X-Boost will automatically overclock the relative components to get up to 116% performance boost! With the smart X-Boost, overclocking CPU or unlock CPU cores can become a near one-button process.

* The functionality of "Unlock CPU Cores" feature might vary by different processors.



4.04 pts
116%
FASTER PERFORMANCE BOOST
1.87 pts
Cinebench R11.5

■ ASRock AM3+ Motherboard With X-Boost
■ Other AM3+ Motherboard Without X-Boost



XFast RAM

Fully Optimize Memory Usage



5X Faster for Photoshop Execution

XFast RAM will create a virtual disk from the system memory to boost the performance. For Photoshop, it can even perform 5X faster than before.

* The performance boost percentage may vary with a different configuration.

XFast LAN

Faster Internet Access



Lower Latency In Game

XFast LAN can lower latency in the game after setting online game priority higher.

Time latency in World of Warcraft: Cataclysm
* Lower is better
■ ASRock Motherboard with XFast LAN
■ Other Motherboard without XFast LAN

* The performance boost percentage may vary with a different configuration.

XFast USB

Boosts up your USB speed



USB Performance Comparison

ATTO Disk Benchmark 4K Read
■ ASRock Motherboard with XFast USB
■ Other Motherboard without XFast USB

* The performance boost percentage may vary with a different configuration.

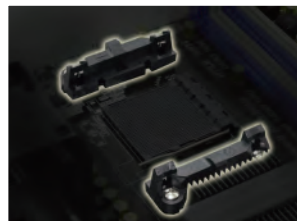
AM3+ 8-Core Processor Support

Supporting socket AM3+ and 8-Core CPU, this board is designed to build up the most powerful system and deliver the most demanding technology for advanced users. Just enjoy next generation computing with ASRock 8-Core CPU ready motherboard!



Combo Cooler Retention Module

The unique combo cooler retention module greatly improves heat dissipation and is backward compatible with AMD previous AM3/AM2+ CPU coolers.



Digi Power

By adopting digital Pulse-width modulation (PWM), the ASRock motherboard can provide CPU Vcore voltage more efficiently and smoothly.



Google Chrome Browser & Toolbar

Chrome is a fast, simple, and secure web browser, built for the modern web. Google Toolbar is designed to help you find what you're looking for quickly and discover new things along the way. Now ASRock has both Chrome and Google Toolbar bundled with our motherboards so users may enjoy better internet surfing experiences.

