



**REPUBLIC OF
GAMERS**

REPUBLIC OF GAMERS

Maximus V Series Motherboards

DESIRE THE POWER

Power Your Gaming To A New Orbit

Technology Summit

March, 2012

2012/2/17

ASUS
Rock Solid · Heart Touching

Agenda

ROG Maximus V Series

- Introduction - Maximus V Series
- Product Roadmap 1H 2012
- Products At A Glance
- Key Features
- Summary



PRODUCT ROADMAP

ROG Maximus V Series Motherboards (1H, 2012)





ROG Motherboard Series Breakdown

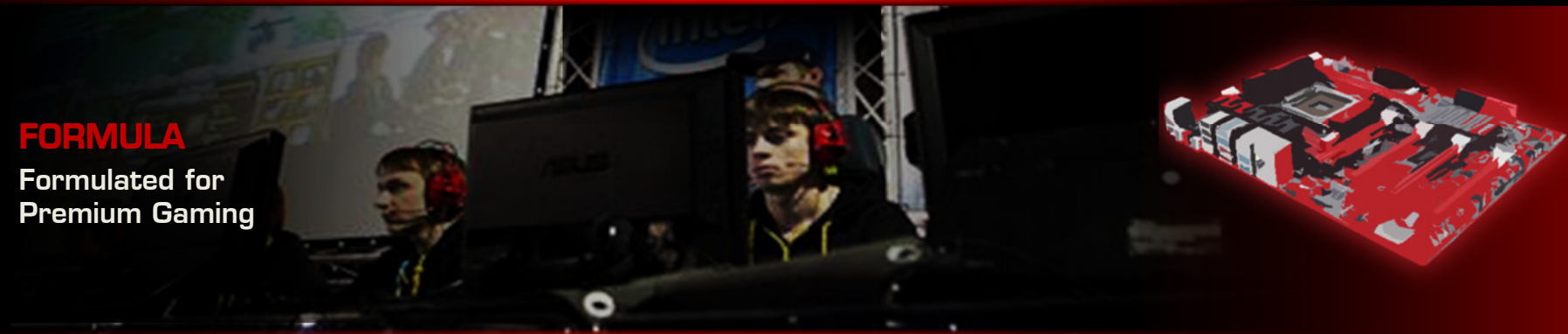
EXTREME

Designed for Maximum
Overclocking & Performance



FORMULA

Formulated for
Premium Gaming



GENE

Min Size, Max Features
Optimized for LAN Gaming &
Small Form Factor (mATX) Enthusiasts



*The product photos above are for reference only.

Roadmap 1H 2012

ROG Maximus V Series

2012

Mar

CeBIT

Apr

May

Jun

Computex

Jul

Aug

Sep



Intel LGA 1155 for 2nd and 3rd gen Intel® Core™ processor-based platform, Intel® Z77 chipset
2-Ch. DDR3, max. 32GB
ROG unique features for mATX gaming

**MAXIMUS V
GENE**



Intel LGA 1155 for 2nd and 3rd gen Intel® Core™ processor-based platform, Intel® Z77 chipset
2-Ch. DDR3, max. 32GB
ROG unique GAMING features,
ThunderFX audio bundle function*

**MAXIMUS V
FORMULA**

*Both **M5F** and **M5F/ThunderFX** will be available at the same time.

THUNDERFX

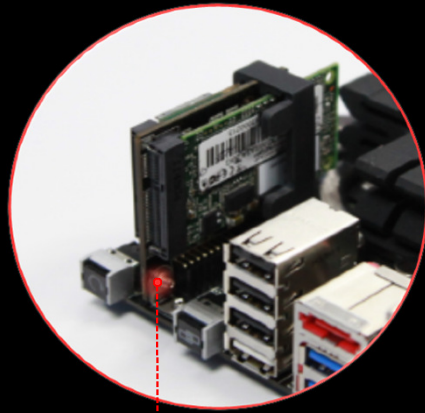
PRODUCTS AT A GLANCE

Maximus V Series Breakdown



Maximus V GENE

Unchained Gaming Beast



mPCIe Combo*

ROG Connect
USB BIOS Flashback

I/O Panel



Extreme Engine Digi+ II

Intel® LGA 1155

4*DIMM, Dual-ch.

2 x USB 3.0 (Red)
4 x USB 2.0 (Grey)
at front

2 x SATA 3Gb/s (Black)
4 x SATA 6Gb/s (Red)

Debug LED

Intel® Ethernet
GameFirst

SupremeFX III™

Intel® Z77 Chipset



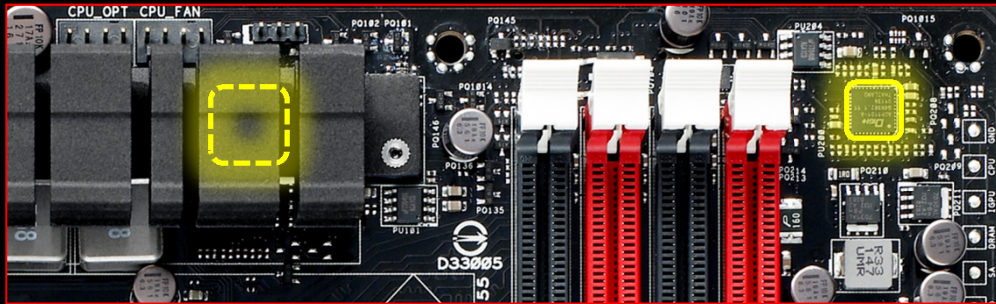
PCIe 3.0

*The mSATA and mPCIe modules require separate purchase

Extreme Engine Digi+ II

Optimum power efficiency with premium components and intelligent digital design

Expertly designed to achieve the optimum power solution in digital for all of CPU, iGPU, and DRAM



Full Digitalization in Precise Control

Digital controllers equipped for **CPU, iGPU, and Memory**

Japan-made Black Metallic Caps on board


Maximus V GENE equips **Black Metallic Capacitors** (Nichicon GT-series)

offering **+20%** low temperature endurance and **5X** longer lifetime usage.

● 5X LONGER LIFETIME

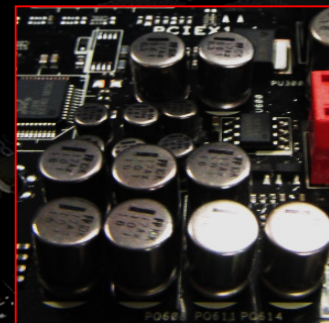
Lifetime usage when running at operating temperature of 105°C

Black Metallic Cap  10,000hr

Standard solid Cap  2,000hr

● BETTER LOW TEMPERATURE ENDURANCE

Able to handle a wider temperature range of **-70~125°C**



SupremeFX III

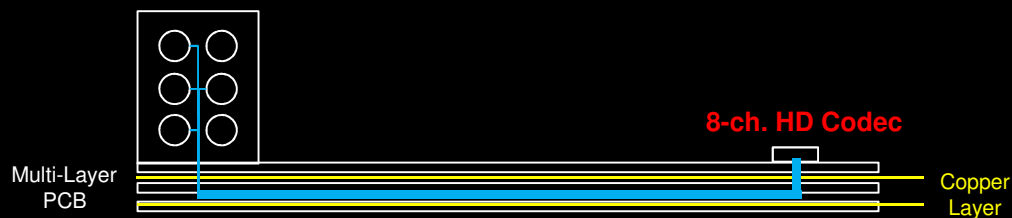
SupremeFX™ Shielding Technology

“RED LINE” cuts PCB into two areas

Totally isolates the audio area from the digital parts to reduce high speed EMI from **HORIZONTAL** greatly.

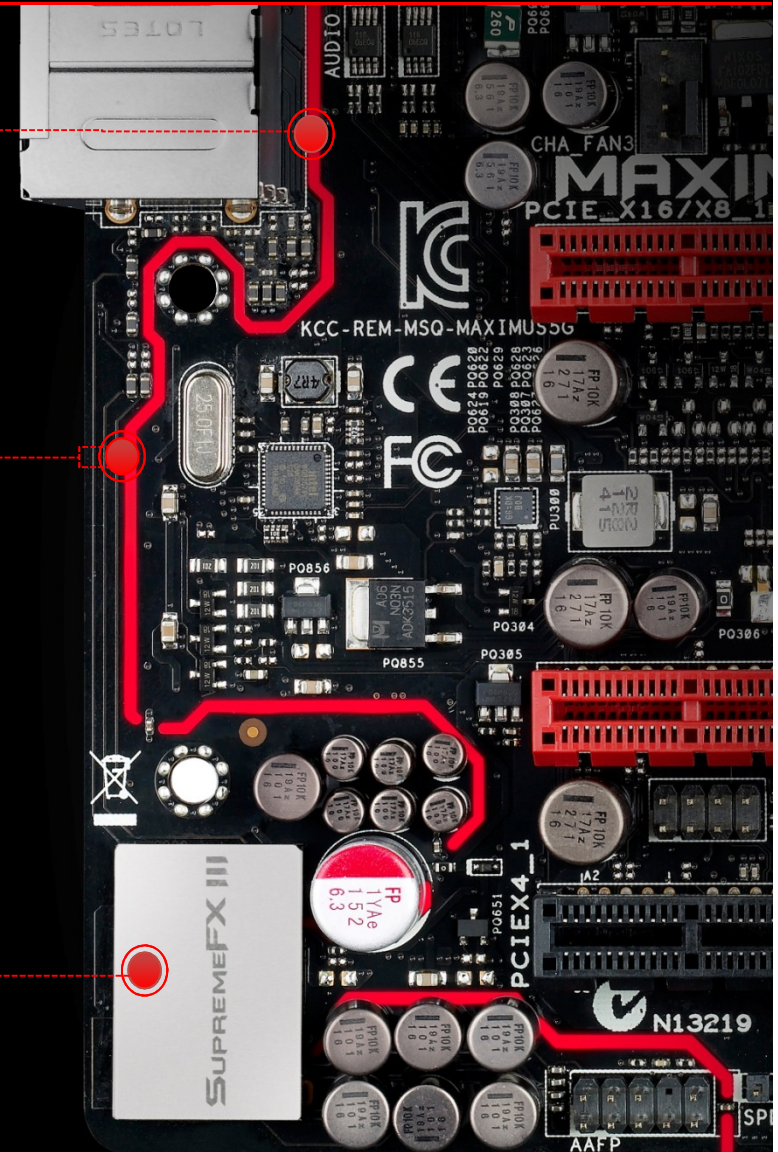
PCB Shielding blocks EMI for analog signals

Special layout design hides the vulnerable analog signals inside the PCB, providing protection in **VERTICAL**.



Stainless Steel Cover honors its name

and seals the source – HD Codec, forming a high electrical conductivity metal armor to ensure the quality.



*Maximus V GENE features SupremeFX III providing immerse gaming audio.

KEY FEATURES

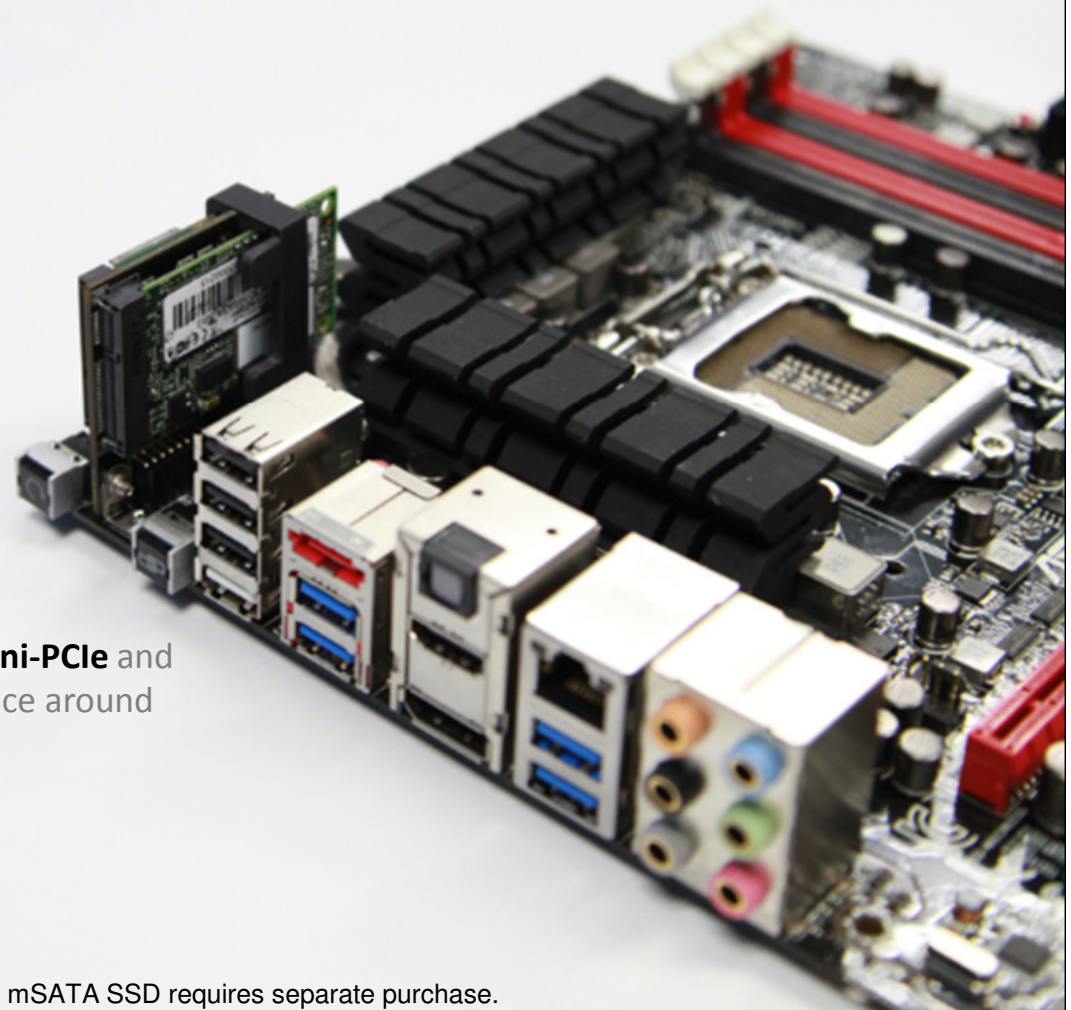
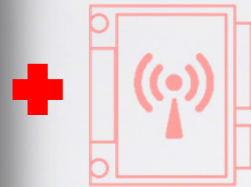
Maximus V Series Motherboards





mPCIe Combo

Give your PC a Power Up!



Power Up Your GENE

An included, unique 'augmentation port' allows **mini-PCIe** and **mSATA** cache SSD upgrades, without sacrificing space around the all-important graphics card slots.

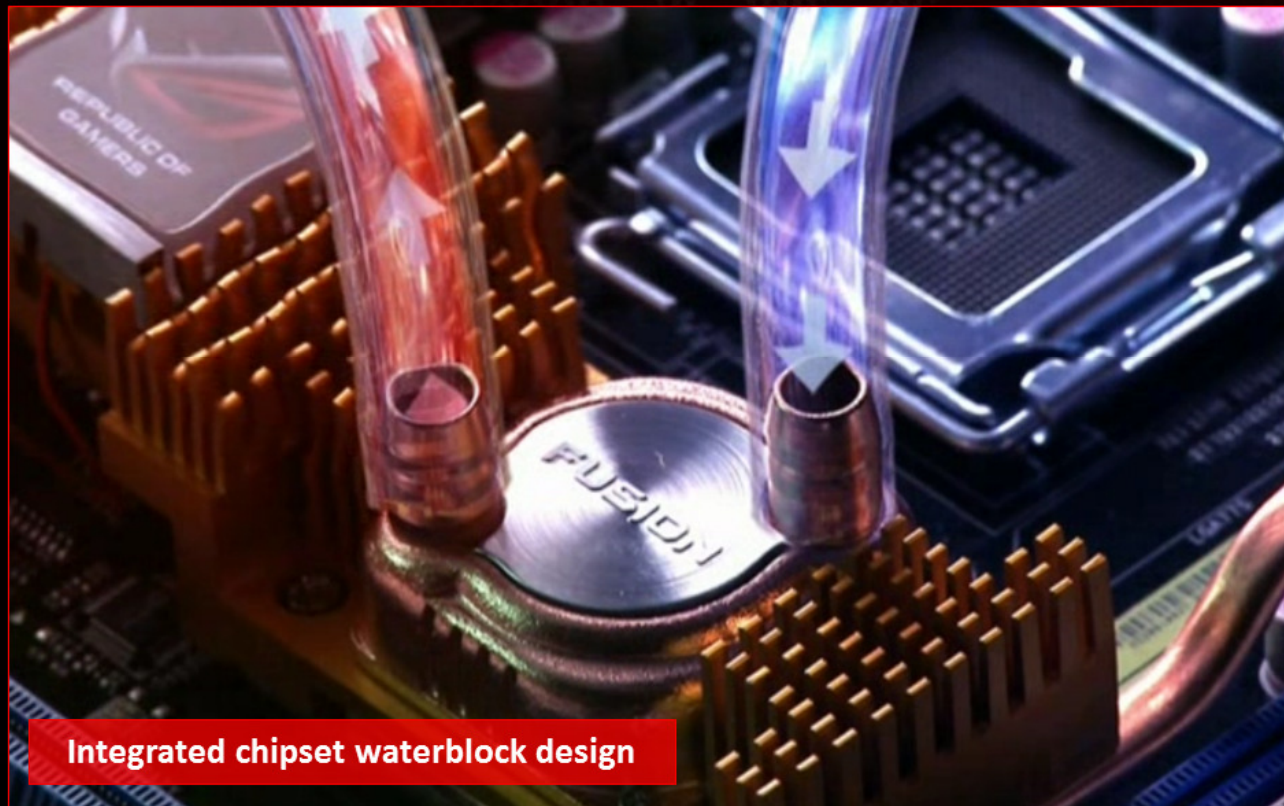
*The WiFi/Bluetooth module is only available on selected models; mSATA SSD requires separate purchase.

2007 ROG Thermal Solution

Fusion Block System: Air or Liquid-cooling ready

Fusion Block System (2007)

Looks cool and outperforms legacy thermal solution





THUNDERFX

ROG External Sound Card

Versatile gaming audio for PC, Console & Hi-Fi

ThunderFX

Multiple platform immersive audio!

Multi-platform Support

Supports PC, Xbox360 and PS3

Use your favorite high-end headset with a single device – **ThunderFX** on multiple platforms - PC, Consoles or Hi-Fi.



The image is a composite advertisement for the ThunderFX audio interface. On the left, a black ThunderFX device is shown against a background of a game scene with a large explosion. The device has two volume knobs and several ports. Below it is the 'THUNDERFX' logo. On the right, a person is shown gaming at a PC desk with a headset. Below this is a red banner with the text 'ThunderFX works with PC, Xbox360 and PS3'. At the bottom, there are two panels: one for Xbox 360 showing the console, a controller, and a headset, and one for PS3 showing the console and a DualShock 3 controller.

THUNDERFX

ThunderFX works with PC, Xbox360 and PS3

XBOX 360

PS3

ThunderFX ENC

Always let your teammate hear you clearly

Deliver **COMMANDS** Not **NOISE!**

Featuring a **built-in microphone**, it measures environmental noise to compare and **significantly reduce background noises** in audio delivered to team mates. Make sure your voice is **always delivered clearly**.



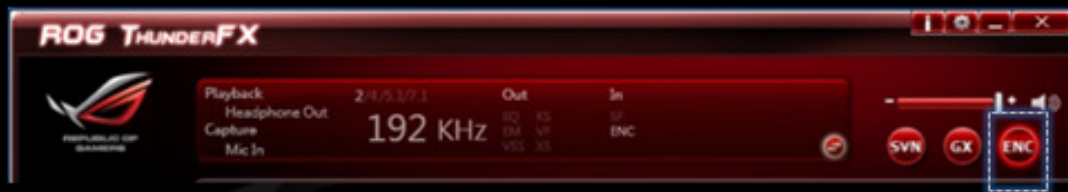
ENC LED

Red light Indicates ENC function is enabled

ENC microphone

Receives and eliminates environmental noises

Software UI



ONE click setup!

Simply click the ENC button to enable ENC support and enjoy clear in-game chat.

* ENC: Environmental Noise Cancellation

** Due to console system limitation, ENC function support is limited to PC use.



ROG Exchange

Share, compare & gain insights into pro user setups

ROG EXCHANGE

Share Your Success

- Share your OC Profile with the rest of the overclocking community!
- Centralized database, global access
- Browse through OC profiles that others have uploaded and see if you can get insights into their success.
- Upload and gain achievements on the ROG Forums

SHARE OC Profiles Directly on rog.asus.com*

ROG Exchange Global Leaderboard

RANK	USERNAME	HARDWARE SPECIFICATION
1	ODM-PC	Model: Maximum IV Extreme BIOS: 0004 CPU: Intel(R) Core(TM) i7-2600K CPU @ 3.40GHz DRAM: 2048 MB
2	ACHANG	Model: Maximum IV Extreme BIOS: 0004 CPU: Intel(R) Core(TM) i7-2600K CPU @ 3.40GHz DRAM: 2048 MB
3	TEST-PC	Model: Maximum IV Extreme BIOS: 0004 CPU: Intel(R) Core(TM) i7-2600K CPU @ 3.40GHz DRAM: 2048 MB
	ACHANG-WANT_DES	Model: #79150-BLUE BIOS: 1207 CPU: Intel(R) Xeon(R) CPU E5-2670V4 DRAM: 2048 MB

ROG Exchange Profile Data

Model: ODM-PC
BIOS Version: 0004
CPU: Intel(R) Core(TM) i7-2600K CPU @ 3.40GHz
DRAM: 2048 MB
Cooling Type: Water
Cooling Detail: Standard VGA Graphics Adapter
Description: 45500
Upload Date: 5/1/2011

EASY Upload / Download

QUICKLY Compare & Download Settings The Pros Use

The collage shows various screenshots of the ROG Exchange software interface. It includes a login window for ASUS Member Login, a profile download/upload window with fields for Time, User Name, Cooling Type, and Score Information, and a main dashboard with a table of user profiles and hardware specifications. The interface is dark-themed with red accents and includes buttons for '工具' (Tools), '監控' (Monitor), and '系統資訊' (System Info).

* ROG website update due in 2012

ALL/ **ROG EXCLUSIVE** 30

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Rampage IV GENE Unboxing

GUIDES - 27 JAN, 2012 - 2,823 VIEWS - WRITTEN BY MARSHALLR - [ROG HQ](#)

FEATURED **ROG EXCLUSIVE** **PRODUCT** **HANDS-ON**



Need a QR code scanner?

[» Android User](#)

[» iOS User](#)

ROG.ASUS.COM stay tuned

More to come at product launch!!



The Rampage IV GENE launched earlier this month, and if you're thinking about building a micro ATX monster of a system but are wondering what else you get with the GENE - below we're unboxing it to show you what else you get in its bundle. If you're looking for an overview of the board [...]

[» CONTINUE TO READ](#)



Rampage IV GENE - Extensive Overview

GUIDES - 18 JAN, 12




Sub Zero Overclocking Motherboard Preparation

GUIDES | **OVERCLOCKING** - 17 JAN, 12



ASUS Rampage IV Extreme - Easy Overclocking Guide

GUIDES | **OVERCLOCKING** - 09 JAN, 12

Join the discussion  0



Thank You!



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