



Maximus III Formula

Be immersed. Be Involved.
Be in the Game!!

- Supports the Intel® Core™ i7 and Intel® Core™ i5 Processors in the LGA1156 Package
- Intel® P55 chipset
- Dual-channel, DDR3 2133(O.C.) Support
- ROG Connect
- GameFirst
- MemOK! and MemPerfect



The Republic of Gamers consists only the best of the best. We offer the best hardware engineering, the fastest performance, the most innovating ideas, and we welcome the best gamers to join in.

In the Republic of Gamers, mercy rules are only for the weak, and bragging rights means everything. We believe in making statements and we excel in competitions. If your character matches our trait, then join the elite club, make your presence felt, in the Republic of Gamers.



CPU Features

Supports Intel® Processors in the LGA1156 Package

This motherboard supports the latest Intel® Lynnfield processors in LGA1156 package, which as memory and PCI Express controller integrated to support 2-channel (4 DIMMs) DDR3 memory and 16 PCI Express 2.0 lanes, providing great graphics performance. Intel® Lynnfield processor is one of the most powerful and energy efficient CPU in the world.



Chipset Features

Intel® P55 Chipset

The Intel® P55 Express Chipset is the latest one-chipset design to support the latest 1156 socket Intel® Lynnfield processors. Intel P55 provides improved performance by utilizing serial point-to-point links, allowing increased bandwidth and stability.



PCIe 2.0

Double Speed; Double Bandwidth

This motherboard supports the latest PCIe 2.0 devices for double speed and bandwidth which enhances system performance.



Multi-GPU Technology

SLI/CrossFireX On-Demand

Why choose when you can have both?

SLI or CrossFireX? Fret no longer because with the ROG Maximus III Formula, you'll be able to run both multi-GPU setups. The board features SLI/CrossFireX on Demand technology, supporting SLI or CrossFireX configuration. Whichever path you



Memory Feature

Dual-Channel, DDR3 2133(O.C.) MHz

The motherboard supports DDR3 memory that features data transfer rates of 2133(O.C.)/2000(O.C.)/1800(O.C.)/1600/1333/1066 MHz to meet the higher bandwidth requirements of the latest operation system, 3D graphics, multimedia, and Internet applications. The dual-channel DDR3 architecture double the bandwidth of your system memory to



take, you can be assured of jaw-dropping graphics at a level previously unseen. boost system performance.

ROG Exclusive Features

ROG Connect

Plug and Overclock - Tweak it the hardcore way!

Monitor the status of your desktop PC and tweak its parameters in real-time via a notebook—just like a race car engineer—with ROG Connect. ROG Connect links your main system to a notebook through a USB cable, allowing you to view real-time POST code and hardware status readouts on your notebook, as well as make on-the-fly parameter adjustments at a purely hardware level.



GameFirst

The speed you need to pwn

Low Internet latency allows you to frag more, and get fragged less. That's why ROG has introduced GameFirst, a feature that manages the flow of traffic according to your needs so that you can still listen to online music, download and upload files, and engage in Internet chats without sacrificing the low ping times you need to pwn your opponents.



MemPerfect

Optimize your memory without lifting a finger!

Why risk crippling your system with poorly tuned memory? Now, with ROG's exclusive MemPerfect optimizing your memory performance is a simple matter of selecting the frequency you desire, and letting MemPerfect do the rest! MemPerfect quickly checks your memory settings for errors and automatically fixes them—ensuring system stability and maximum efficiency.



Speeding HDD

Wait less. Play more!

Double your hard disk drive performance easily and affordably with Speeding HDD, a remarkable ROG feature that utilizes a dual channel design to enhance HDD transfer rates. Wait less, play more!



iROG

Intelligent multiple control at hand

The iROG is a special IC which enables several ROG highlighted functions that gives users full disposal of the motherboard at any stage! This design allows advanced user control and management to be processed purely at a hardware level. iROG greatly increases fun during overclocking for PC enthusiasts and it offers system maintenance and management with more control and efficiency.



CPU Level Up

A Simple click for instant upgrade

Ever wish that you could have a more expansive CPU? Upgrade your CPU at no additional cost with ROG's CPU Level Up! Simply pick the processor you wanted to OC to, and the motherboard will do the rest! See the new CPU speed and enjoy that performance instantly. Overclocking is never as easy as this.



MemOK!

Any memory is A-OK!

Memory compatibility is among the top concerns when it comes to computer upgrades. Worry no more, MemOK! is the fastest memory booting solution today. This remarkable memory rescue tool requires nothing but a push of a button to patch memory issues and get your system up and running in no time. The technology is able to determine failsafe settings that can dramatically improve system booting success.



Extreme Tweaker

One stop performance tuning shop

Extreme Tweakers is the one stop shop to fine-tune your system to optimal performance. No matter if you're looking for frequency adjustment, over-voltage options, or memory timing settings, they're all here!



Probelt

Get all hands-on with hardware-based overclocking

Probelt takes the guesswork out of locating the motherboard's measurement points, identifying them clearly in the form of 5 sets of detection points so you'll know exactly where to get quick yet accurate readings using a multimeter.



Voltminder LED

Friendly reminder on Voltage Settings

In the pursuit of extreme performance, overvoltage adjustment is critical but risky. Acting as the "red zone" of a tachometer, the Voltminder LED displays the voltage status for CPU, PCH, and Memory in a intuitive color-coded fashion. The volt minder LED allows quick voltage monitoring for overclockers.



COP EX

Maximum OC with confidence with burn proof protection to chipsets and GPU!

The COP EX allows overclockers to increase chipset voltages without the worries of overheating. It can also be used to monitor and save an overheating GPU. The COP EX allows more freedom and less constraint for maximum performance achievement.



Loadline Calibration

Optimal power boost for extreme CPU overclocking!

Maintaining ample voltage support for the CPU is critical during overclocking. The Loadline Calibration ensures stable and optimal CPU voltage under heavy loading. It helps overclockers enjoy the motherboard's ultimate OC capabilities and benchmark scores.



Sound with Clarity

SupremeFX X-Fi

Listen with Absolute HD Play in extreme fidelity

ISupremeFX X-Fi delivers an excellent high definition audio experience to the gamers of ROG. The SupremeFX X-Fi features unique audio innovations for gamers to spot enemies in 3D environment during game play. SupremeFX X-Fi also provides gamers a special tool to emphasize human voices in games to help make dialogues clearer and more audible.



Noise Filter

Eliminate background noise while recording

This feature detects repetitive and stationary noises like computer fans, air conditioners, and other background noises then eliminates it in the incoming audio stream while recording.



ROG EZ DIY Features

Onboard Switch

No more shorting pins or moving jumpers

With an easy press during overclock, this exclusive onboard switch allows gamer to effortlessly fine-tune the performance without having to short the pins or moving jumpers!



Q-Fan Plus

Optimized quietness and cooling for more devices!

The Q-Fan function automatically detects temperature and adjusts fan speed accordingly to achieve quiet and efficient cooling.



ASUS Q-Connector

Make connections quick and accurate

The Q-Connector allows you to connect or disconnect chassis front panel cables in one easy step with one complete module. This unique adapter eliminates the trouble of plugging in one cable at a time, making connection quick and accurate.



ASUS EPU Engine

System Level Energy Saving

The new ASUS EPU - the world's first power saving engine, has been upgraded to a new 6 engine version, which provides total system power savings by detecting current PC loadings and intelligently moderating power in real-time. With auto phase switching for components (which includes the CPU, VGA card, memory, chipset, hard drives and CPU cooler/system fans), the EPU automatically provides the most appropriate power usage via intelligent acceleration and overclocking - helping save power and money.



Rich Software Bundled

Kaspersky® Anti-Virus

The best protection from viruses and spyware

Kaspersky® Anti-Virus Personal offers premium antivirus protection for individual users and home offices. It is based on advanced antivirus technologies. The product incorporates the Kaspersky® Anti-Virus engine, which is renowned for malicious program detection rates that are among the industry's highest.



Specifications

CPU	Intel® Socket 1156 Core™ i7 Processor/Core™ i5 Processor/ Supports Intel® Turbo Boost Technology * Refer to www.asus.com for Intel CPU support list
Chipset	Intel® P55 Express Chipset
Memory	4 x DIMM, Max. 16 GB, DDR3 2133(O.C.)/2000(O.C.)/1800(O.C.)/1600/1333/1066 Non-ECC, Un-buffered Memory Dual Channel memory architecture * Hyper DIMM support is subject to the physical characteristics of individual CPUs. * Supports Intel® Extreme Memory Profile (XMP) * Please refer to www.asus.com or user manual for the Memory QVL(Qualified Vendors List).
Expansion Slots	2 x PCIe 2.0 x16 (red) support single at x16 or dual at x8 mode 1 x PCIe x16 (white) supports at x4 mode 2 x PCIe x1 2 x PCI 2.2
Multi-GPU Support	Supports NVIDIA® SLI™ Technology / ATI® CrossFireXTM Technology

	<p>Intel® P55 Express Chipset built-in</p> <p>6 xSATA 3.0 Gb/s ports</p> <p>Intel Matrix Storage Technology Support RAID 0,1,5,10</p> <p>JMicron® 322 controller and 2 x JMicron® 363 controllers:</p> <ul style="list-style-type: none"> - 2 x SATA 3.0 Gb/s port (Red) supporting Hardware RAID 0 and 1 (SPD_HDD1 + SPD_HDD2) - 1 x External SATA 3.0 Gb/s port (SATA On-the-Go) - 2 x SATA 3.0 Gb/s port (White) - SATA_ODD1 + SATA_ODD2
Storage	
LAN	<p>Realtek® RTL8110SC Gigabit LAN controller</p> <p>GameFirst</p>
Audio	<p>SupremeFX X-Fi discrete Audio Card</p> <p>8-Channel High Definition Audio CODEC</p> <p>EAX® Advanced™ HD 4.0</p> <p>X-Fi CMSS®-3D</p> <p>X-Fi Crystalizer™</p> <p>Creative ALchemy</p> <p>Supports 1 x S/PDIF out header</p> <p>Supports Coaxial/Optical S/PDIF out ports on rear</p> <p>Blu-ray support</p>
IEEE 1394	2 x 1394a ports (1 port at back I/O, 1 port onboard)
USB	14 USB 2.0/1.1 ports (5 ports at mid-board, 9 ports at back panel)
Overclocking Features	<p>Extreme Engine Power Design</p> <ul style="list-style-type: none"> - 16-phase CPU power - 3-phase VTT power - 3-phase Memory power <p>ROG Connect</p> <p>CPU Level Up</p> <p>Memory Level Up</p> <p>Speeding HDD</p> <p>iROG</p> <p>Extreme Tweaker</p> <p>Loadline Calibration</p> <p>Intelligent overclocking tools:</p> <ul style="list-style-type: none"> - ASUS AI Booster Utility - O.C. Profile <p>Overclocking Protection:</p> <ul style="list-style-type: none"> - COP EX (Component Overheat Protection - EX) - Voltiminder LED - ASUS C.P.R.(CPU Parameter Recall)
Special Features	<p>MemOK!</p> <p>MemPerfect</p> <p>ProBelt</p> <p>Onboard Switches: Power / Reset / Clr CMOS (at rear)</p> <p>Q-Fan Plus</p> <p>ASUS EPU</p> <p>ASUS MyLogo3</p> <p>ASUS Fan Xpert</p> <p>ASUS EZ Flash 2</p> <p>ASUS CrashFree BIOS 3</p> <p>ASUS Q-Connector</p> <p>ASUS Q-LED (CPU, DRAM, VGA, Boot Device LED)</p> <p>ASUS Q-Slot</p> <p>ASUS Q-DIMM</p>
Back Panel I/O Ports	<p>1 x External SATA</p> <p>1 x IEEE 1394a</p> <p>1 x LAN(RJ45) port</p> <p>1 x Clr CMOS switch</p> <p>1 x ROG Connect On/Off switch</p> <p>1 x PS/2 Keyboard port (purple)</p> <p>9 x USB 2.0/1.1 (1 port for ROG Connect)</p>
Internal I/O Connectors	<p>3 x USB connectors support additional 5 USB 2.0 ports (1 port reserved for ROG Connect @ rear)</p> <p>1 x IEEE 1394a connector</p> <p>10 x SATA connectors: 2 x Speeding HDD SATA connectors (Red) / 2 x SATA_ODD (White) / 6 x standard SATA connectors (Gray)</p> <p>8 x Fan connectors: 1 x CPU / 1 x PWR / 3 x Chassis / 3 x Optional</p> <p>3 x thermal sensor connectors</p>

	1 x 24-pin ATX Power connector 1 x 8-pin ATX 12V Power connector 1 x En/Dis-able Clr CMOS header 5 x Probelts measurement points 1 x ROG light connector 1 x Go Button System panel connector
BIOS	16 Mb Flash ROM , AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI2.0a Multi-Language BIOS
Manageability	WOL by PME,WOR by PME,PXE
Accessories	User's manual 1 x I/O Shield 1 x ROG Connect Cable 1 x SLI Cable 1 x SupremeFX X-Fi Audio Card 1 x 2-in-1 ASUS Q-Connector Kit 3 x 2-in-1 SATA signal cables 1 x 2-port USB2.0 + ESATA module 1 x Cable Ties 1 x ROG theme label 1 x 12-in-1 ROG Cable Label
Support Disc	ASUS PC Probe II ASUS AI Suite ASUS Update Kaspersky® Anti-Virus Support DVD: - Drivers and applications Sound Blaster X-Fi Utility ASUS TurboV EVO utility
Form Factor	ATX Form Factor 12 inch x 9.6 inch (30.5 cm x 24.4 cm)