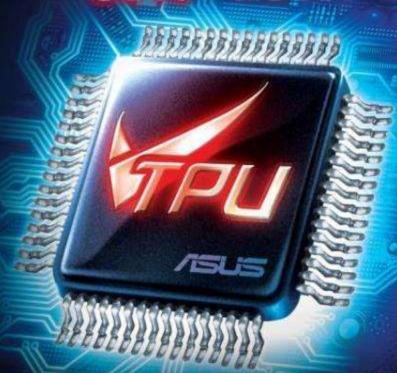
ASUS MB

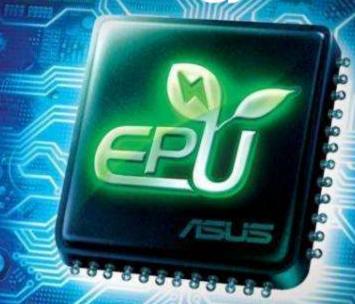


Dual Intelligent Processors

EPU 80% Energy Saving

TPU 37% Faster









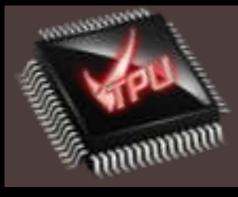
Dual Intelligent Processors 2



- High System Stability and Power Efficiency
- Most Precise Adjustment

EPU --- Energy Efficiency All Around

- System Level Energy Saving
- Real-time Power Management



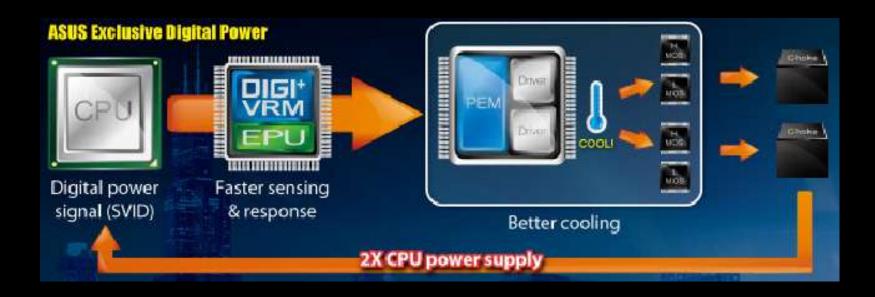
TPU --- The Ultimate Turbo Processor

- Easy O.C.
- Instant Performance Boost
- Self-optimized System Settings



DIGI+ VRM

VRM (voltage regulator module) is the essential design that supply appropriate voltage of CPU demand on a motherboard. A good VRM design should be able to smartly detect the CPU actual power demand then supply the precise power accordingly.



• Faster sensing and response:

DIGI+ VRM (digital controller) perfectly match digital power signal (SVID) requested by CPU, eliminating digital-to-analog signal conversion lag.

DIGI+ VRM

Setting the New Power Standard!

Flash News-

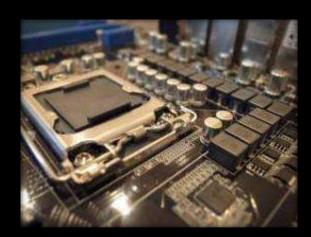
ASUS DIGI+ VRM complies with Sandy Bridge CPU VRD12(digital) SPEC and brings all motherboards to a new power digital control era while leaving the competitors way behind!!

ONLY DIGI+ VRM Can Precisely Match with Sandy Bridge

CPUs!





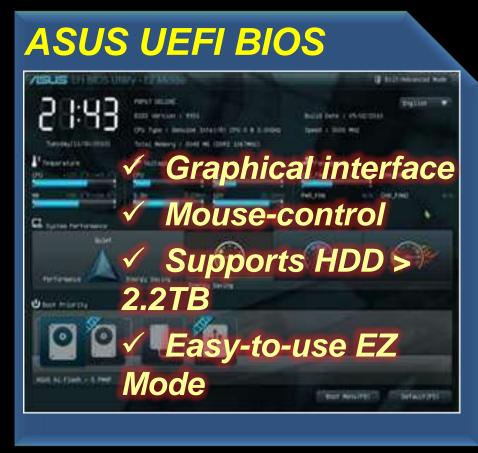


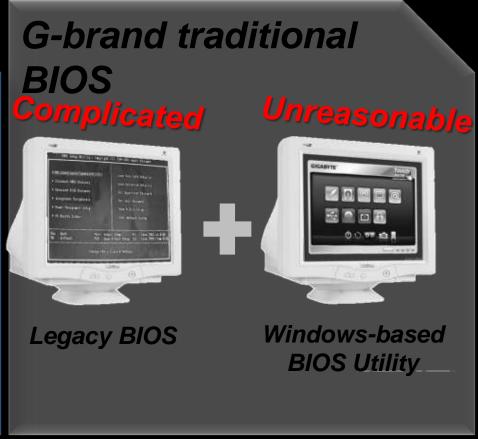
ASUS UEFI BIOS vs. GB's BIOS Solution

ASUS Unbeatable Leading Position

UEFI BIOS is a must NOW!!

But hey! Look what competitors have done so far~





That's why you need ASUS UEFI BIOS...

Have a look at ASUS UEFI BIOS!



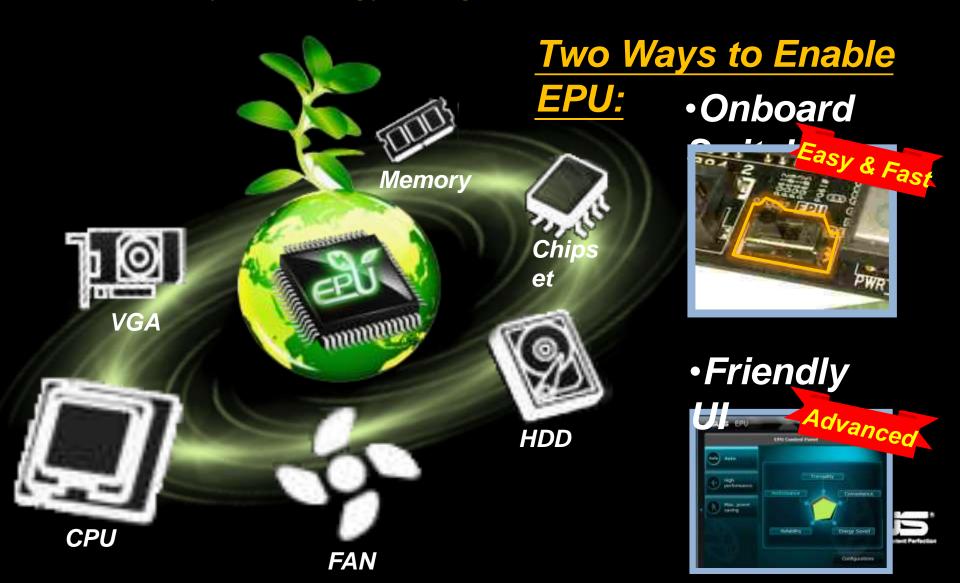
Support Hard Drives over 2.2 TB

Support Mouse Control

Instantly and easily update your BIOS settings without wasting your time for OS

EPU

Real Time System Energy Saving Processor



TPU – Auto Tuning

Auto System Level Up

Two simple ways to get quick performance boost:

Onboard Switch



Easy OC Tool – TurboV E



OR



PROTECT 3.0 Protects the Earth, Systems and You



1.

EPU Energy Saving Design to save the Earth



3.

50% Less Radiation Design to protect you

Anti-Surge Protection Design to secure your system



The basic requirement of Protect 3.0 -- Extreme durable Solid Capacitors



All ASUS Protect 3.0 MBs are equipped with 100% durable solid capacitors





2011 MB Naming Rule

D - E

A: CPU Socket

P8	Intel LGA 11 <u>55</u>
P7	Intel LGA 1156
P6	Intel LGA 1366
P5	Intel LGA 775
M4	AMD AM3 CPU
М3	AMD AM2+/AM2
M2	AMD AM2

B: Chipset Marketing Name*

P67/H67	Intel P67/H67 Chipsets
A89/88/87	AMD 890FX/890GX/880G/870 Chipsets
P55/H57H5 5	Intel P55/H57/H55 Chipsets
C: Memory	

Т	DDR3	(AMD platform and Intel LGA775 series only)
С	DDR3 +	- DDR2

D: New features

D X	treme Design	Series with	StackCool3/	3+
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E: Form Factor

(none)	ATX
V	ATX with VGA out
M	Micro ATX

F: Series

Premiu m	Premium Series
Deluxe	Deluxe Series
EVO	Evolution Series
PRO	Professional Series
(none)	Standard Series
LE	Value Series
LE2	Value Series (Revision)
LX examp	Entry Series

Support Intel Intel H67 Micro ATX **EVO** LGA 1155 CPUs chipsets Form Factor Series

ASUS VGA



Direct Contact is More EFFICIENT

Directc

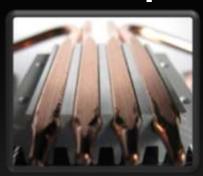
GPU





- ✓ MATRIX GTX580 P/2DIS/1536MD5
- ✓ ENGTX580 DCII/2DIS/1536MD5
- ✓ EAH6970 DCII/2DI4S/2GD5
- ✓ ENGT430 DC SL/DI/1GD3

Heat Pipe



Metal Plate











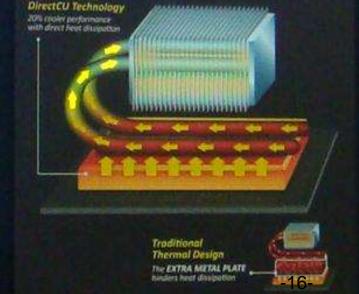


Direct Contact is More EFFICIENT









DirectCU

Awara-winning

0:28 / 1:53

DirectCU Available Models

*DirectCU is also known as "DC" in model name



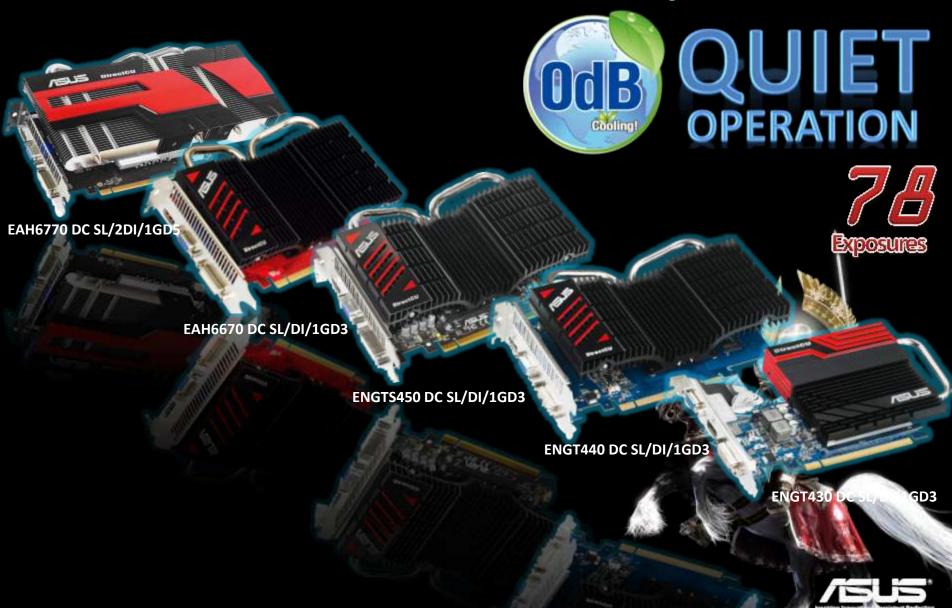




ENGTX560 Ti DC/2DI/1GD5	EAH6870 DC/2DI <u>2S</u> /1GD5
ENGTX560 DC/2DI/1GD5	EAH6850 DC/2DIS/1GD5
ENGTX550 Ti DC TOP/DI/1GD5	EAH6850 DC/2DIS/1GD5/V2
ENGTX550 Ti DC/DI/1GD5	EAH6770 DC/2DI/1GD5
ENGTX460 DirectCU TOP/2DI/1GD5	EAH6770 DC/G/2DI/1GD5
ENGTX460 DC TOP/2DI/1GD5 <u>/V2</u>	EAH5850 DirectCU TOP/2DIS/1GD5
ENGTX460 DirectCU/2DI/1GD5	EAH5850 DirectCU/2DIS/1GD5
ENGTX460 SE DC/2DI/1GD5	EAH5830 DirectCU/2DIS/1GD5
ENGTX460 DirectCU TOP/2DI/768MD5	
ENGTS450 DirectCU TOP/DI/1GD5	
ENGTS450 DC OC/DI/1GD5	
ENGTS450 DirectCU/DI/1GD5	

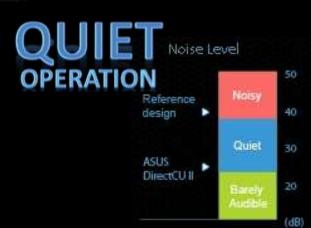


ASUS DirectCU Silent Graphics Cards



ASUS Exclusive design DirectCUII For the Win!





Awards



Super Alloy Power

 A special blend of elements under ASUS exclusive formula produced under extreme pressure and temperatures

 Highly-magnetic, heatresistant and anti-corrosive metals used to reduce power loss, enhance durability and achieve cooler operation



Pump Up Your Graphics Muscle with



SUPER ALLOY POWER

15%

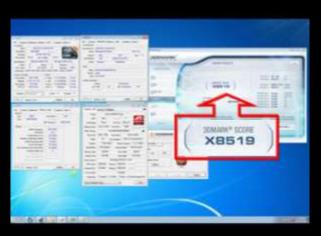
Performance Boost

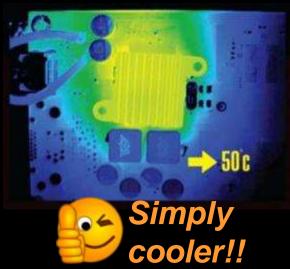
3600

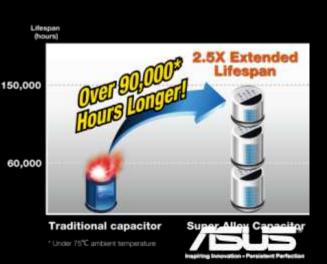
Cooler Operations

2,5X

Longer Lifespan







* Subject to system configuration and prevailing usage. Result may vary. Results shown here are from the test of EAH6870 DC/2DI2S/1GD5

Brief introductions on official site



Super Alloy Power

15% performance boost, 2.5 times longer lifespan, 35°C cooler operation







The new and exclusive Super Alloy Power technology on ASUS graphics cards uses a special alloy formula which is highly-magnetic, heatresistant and anti-corrosive. It delivers a more stable and quieter operation compared to the reference design - a welcome bonus sought after by performance seekers.



Super Alloy Power Video .

ENGTX580 DCII/2DIS/1536MD5

ENGTX570 DCII/2DIS/1280MD5

ENGTX560 Ti & ENGTX560 Series

ENGTX550 Ti DC Series

ENGT440 Series

ENGT430 Series

EAH6970 DCII/2DI4S/2GD5

EAH6950 DCII Series

EAH6870 DC Series

EAH6770 Series

EAH6750 Series

EAH6670 Series

EAH6570 Series

