



ASUS Unveils the World's Lowest Radiation Motherboards

ASUS Protect 3.0 with Advanced Protection Shields, Anti-surge Features and System-optimised Efficiency

Delivers the Lowest Electromagnetic Emissions in the Industry

Images available here: <http://channel.asus.com.tw/channelv2/DownloadNoLoginList.aspx?Path=F9D6A8E0BF64B2DF53E69AE3A7B2D2AC>

Sydney,

Australia, 2 January 2010 - ASUS has set a new standard in total motherboard protection with the launch of the ASUS Protect 3.0 Design based on Xtreme Design, which helps protect the earth, systems and users. Equipped with intelligent anti-radiation shielding, the technology lowers the generation and transmission of harmful radiation by up to 50%, offering the lowest electromagnetic emissions from a motherboard in the industry. Additionally, active anti-surge protection helps enhance component and system longevity. Protect 3.0 also includes the ASUS EPU (Energy Processing Unit) chip to reduce system-wide power consumption by up to 80.23%*, to ensure a more environmentally sustainable operation.

Significant

Elimination of Harmful Electromagnetic Rays with Low Radiation Design

On average,

users are exposed to about eight hours of electromagnetic radiation daily from computer usage. Protect 3.0 effectively reduces this radiation exposure by up to 50% achieving the lowest radiation emission levels in the industry. A Low Radiation Circuit Design reduces the radiation produced by electrical components by positioning oppositely-charged electrical flows across each other to cancel out the fields generated. Additionally, a Radiation Moat Design effectively eliminates radiation leakage to surrounding components by confining it to small region around an active area.

Enhanced

Component and System Longevity with Anti-Surge Design

With its

Anti-Surge Design, Protect 3.0 detects under or overvoltage conditions in components and prevents electrical surges from spreading. Whenever surges occur especially during a thunderstorm or periods of unstable grid power delivery, Anti-Surge will immediately shut off the electrical supply and prevent potential component damage thus enhancing total system longevity.

Superb

Efficiency and Eco-friendly Operations with EPU Energy Saving Design

Protect 3.0

includes the ASUS EPU (Energy Processing Unit), an energy-saving chip that intelligently reduces power consumption by up to 80.23%. EPU automatically fine-tunes the power channelled to components such as the CPU in real time for superb efficiency. To further reduce energy consumption, EPU also automatically delivers the most appropriate power via intelligent acceleration and overclocking. Such enhanced efficiency results in less CO₂ released to the atmosphere from lower power generation. In fact, 10 million EPU-enabled motherboards can help eliminate up to 207,430 tons of CO₂**equivalent to Australia's annual carbon emissions.

Specifications

Model

P5G41TD-M
PRO

P5G41C-M

P5G41C-M
LX

P5P41C

M4N68T
PRO

M4N68T-M

CPU
Socket

Supports

Intel LGA775 Processors

Supports

AMD Socket AM3 Processors

Chipset

Intel

G41 / ICH7

NVIDIA

GeForce 7025 / nForce 630a

Memory

2x

DDR3

2x DDR3

2x DDR2

2x DDR3

2x DDR2

2x DDR3

2x DDR2

4x DDR3

2x DDR3

Power

Phase

4

4

3

4

4

4

PCIe

x16 Slots

1

1

1

1

1

1

LAN

Gbit LAN

Gbit LAN

Gbit LAN

Gbit LAN

Gbit LAN

Gbit LAN

Audio

8-ch HD

8-ch HD

8-ch HD

8-ch HD

8-ch HD

8-ch HD

Storage

1x
UltraDMA 100/66/33

1x
UltraDMA 100/66/33

1x UltraDMA 100/66/33

1x
UltraDMA 100/66/33

1xUltra
DMA

1xUltra
DMA

4x SATA
3Gb/s

4x SATA
3Gb/s

4x SATA
3Gb/s

4x SATA
3Gb/s

4x SATA
3Gb/s

4x SATA
3Gb/s

USB

8 x USB
2.0

8 x USB
2.0

8 x USB 2.0

8 x USB
2.0

10 x USB
2.0

10 x USB
2.0

VGA

HDMI,
DVI-D, RGB support

HDMI, RGB
support

RGB support

-

-

RGB
support

*Results may vary according to different system
operations and configurations.

**A single EPU-enabled motherboard can save up to 33kw of electricity
annually, reducing the release of CO2 into the atmosphere by 20.7kg.

Source: <http://carma.org> (Carbon Monitoring for
Action)

Specifications are subject to change. Please visit www.asus.com for the latest information.

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ends

About ASUS

ASUS is a leading company in the new digital era, with an extensive product portfolio that includes notebooks, netbooks, motherboards, graphics cards, displays, optical drives, desktop PCs, servers, wireless solutions, mobile phones and networking devices. Driven by innovation and committed to quality, ASUS designs and manufactures products that perfectly meet the needs of today's digital home, office and person. ASUS won 3,268 awards in 2009, and is widely credited with revolutionizing the PC industry with the Eee PC. With a global staff of more than ten thousand and a world-class R&D design team, the company's revenue for 2008 was 8.1 billion U.S. dollars. ASUS ranks among BusinessWeek's InfoTech 100, and has been on the listing for 12 consecutive years.

ASUS Motherboards: No.1 in the World

ASUS is the No.1 motherboard brand in the world, commanding the biggest market share globally. Today, one in every three computers houses an ASUS Motherboard. ASUS is the pioneer of numerous innovations that have gone on to become industry standards. Recent examples include the Hybrid Phase power design, Hybrid Processor overclocking design, and Protect 3.0 for safe operation. With its decades of expertise and dedication to pushing the envelope of motherboard design, ASUS is poised to continue leading the industry in motherboard performance, safety and reliability.

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