

ASUS Announces H81-Gamer

ATX motherboard is fun fulfilled with Gigabit Ethernet and exclusive SupremeFX audio, Gamer's Guardian components and AI Suite 3

Cernusco sul Navigio, 28 agosto 2014 — ASUS today announced H81-Gamer, a new Intel® H81 chipset-based ATX gaming motherboard ready for the latest 4th- and new 4th-generation Intel Core™, Pentium® and Celeron® processors and engineered with many ASUS-exclusive innovations to fulfil gamers' desire for fun.

H81-Gamer is equipped with high-speed Intel Gigabit Ethernet networking for lag-free online gaming, exclusive SupremeFX technology for flawless gaming audio and exclusive Gamer's Guardian components for exceptional durability and reliability. It also includes the ASUS-exclusive AI Suite 3 software to enable gamers to push their fun even further.

Fun-filled gaming audio

H81-Gamer is engineered with ASUS-exclusive SupremeFX technology, so gamers enjoy near-lossless audio with a remarkable signal-to-noise ratio (SNR) of 115dB — bringing every sound detail to life.

The advanced SupremeFX audio chipset is isolated from electromagnetic interference (EMI) by a protective shield, preserving the integrity of the audio signals. Exclusive 'red-line shielding' horizontally separates H81-Gamer's audio components from the rest of the motherboard. This unique combination effectively eliminates analog interference to ensure flawless sound quality. Premium ELNA® audio capacitors are added to the mix to deliver a warmer, natural sound to complete the audio experience.

SupremeFX also has a built-in amplifier that drives high-quality headphones — all the way up to 300ohm impedance — enabling H81-Gamer to deliver audio output that's as great as a dedicated sound card.

Fun-filled gaming networking

H81-Gamer powers fulfils online-gaming fun with Intel Gigabit Ethernet. This advanced networking technology has the advantage of communicating directly with Intel processors to offer exceptionally-high networking throughput, lowering overall processing demands and improving efficiency — releasing more power for games and gameplay. Using independent network-assessment tools, ASUS engineers calculated

that Intel Gigabit Ethernet technology deals with the User Datagram Protocol (UDP) data packets that are vital for responsive gaming up to two times (2X) faster than competing gaming-LAN technologies.

Protected play with Gamer's Guardian components

H81-Gamer does more than fulfil gamers' fun — the new motherboard offers exceptional real-world protection with high-quality, highly-durable Gamer's Guardian components.

Gamer's Guardian includes onboard resettable fuses that protect the connection ports and DRAM against overcurrent and short-circuit damage, while exceptionally high-quality, Japanese-made 10K black-metallic capacitors offer greater temperature endurance and improved longevity.

Gamer's Guardian ESD Guards on the USB ports, audio connectors and Ethernet (LAN) port ensure that H81-Gamer is actively protected against sudden electrostatic discharge (ESD). The result is that the components last much longer.

H81-Gamer also has the ASUS-exclusive Digi+ VRM (voltage-regulator module) to enhance performance, increase efficiency and ensure reliability, and a stainless-steel back input/output (I/O) panel that's chromium-plated and corrosion-resistant to last up to three times (3X) longer than traditional panels.

Even more fun with AI Suite 3

H81-Gamer includes AI Suite 3, an ASUS-exclusive dashboard-style control panel that lets players fine-tune almost every aspect of H81-Gamer-based systems for the best balance between performance, stability and efficiency — all via a simple and intuitive interface.

AVAILABILITY & PRICING

ASUS H81-Gamer will be available from September. Please contact your local ASUS representative for further information.

SPECIFICATIONS¹

ASUS H81-Gamer

CPU socket	LGA 1150 socket for the 4th-, new 4th-generation Intel® Core™ i3, i5, i7, Pentium®, and Celeron® processors
Chipset	Intel H81 Express
Memory	4 x DIMMs ² , up to a maximum of 16GB, DDR3 1600MHz Supports Intel Extreme Memory Profile (XMP)
Expansion slots	1 x PCI Express x16 slot 3 x PCI Express x1 slots 3 x PCI slots
Graphics (VGA)	Integrated Intel HD Graphics Multi-VGA output support: DVI-D and RGB ports
Storage connectivity	2 x SATA 6Gbit/s connectors 2 x SATA 3Gbit/s connectors
Networking/LAN	Intel Gigabit Ethernet
USB	4 x USB 3.0/2.0 ports (2 on back panel, 2 mid-board) 8 x USB 2.0/1.1 ports (4 on back panel, 4 mid-board)
Audio	SupremeFX 8-channel high-definition audio - High-quality stereo playback with 115dB signal-to-noise ratio (SNR) - Jack-detection, multi-streaming, front-panel mic jack-retasking - SupremeFX shielding technology - ELNA® premium audio capacitors - Headphone amp - Optical S/PDIF-out port on back panel
Dimensions / form factor	ATX, 12-inch x 8.4-inch (30.5cm x 21.4cm)

Le specifiche complete sono disponibili all'indirizzo www.asus.com

¹ Specifications, content and product availability are all subject to change without notice and may differ from country to country.

Actual performance may vary depending on applications, usage, environment and other factors.

² Due to Intel® chipset limitation, DDR3 1600MHz and higher memory modules in XMP mode will run at the maximum transfer rate of DDR3 1600MHz.

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ASUS, tra i primi tre vendor a livello worldwide di PC portatili consumer e leader nella produzione delle schede madri più vendute e premiate al mondo, è uno dei principali protagonisti della nuova era digitale. Sinonimo di qualità in tutto il mondo, ASUS offre soluzioni in grado di soddisfare le più diverse esigenze, dal segmento office a quello dei personal device e della digital home, con un portafoglio prodotti estremamente ampio, che include anche tablet, smartphone, schede grafiche, drive ottici, PC desktop, server, soluzioni wireless e di networking. Nel corso del 2013 ASUS ha ottenuto 4256 riconoscimenti da parte della stampa di tutto il mondo, affermandosi sulla scena globale per la creazione di nuove categorie di prodotto che hanno rivoluzionato il mercato IT, come l'Eee PC™ e le serie Transformer. Nell'ultimo biennio diverse ricerche indipendenti hanno qualificato ASUS come n.°1 per affidabilità nella classifica dei produttori di PC portatili, a testimonianza dell'impegno verso l'eccellenza tecnologica e della qualità costruttiva dei propri prodotti. Con oltre 12.500 dipendenti, un reparto di R&D all'avanguardia che vanta 3.800 ingegneri, ASUS ha chiuso il 2013 con un fatturato di circa 14 miliardi di USD.

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