

# AORUS claims lightest and most powerful 13-inch gaming laptop with X3

**Press release**

AORUS, an emerging force for gaming hardware has launched what is called the lightest (1.87kg) and most powerful 13-inch gaming laptop in the world – X3. Delivering excellence and pushing performance to the extreme, AORUS has fit GTX870M 6GB GDDR5 VRAM in a slim chassis (22.9mm), thus ensuring optimum mobility. Available in a stunning 3200x1800 resolution, the QHD+ panel delivers unmatched color and image quality. The X3 has two display options: the X3 with a 13-inch display and the X3 Plus with a 13.9-inch display. The X3 from AORUS is perfected to deliver the most mobile experience - gaming on the go, without compromising on performance.

**Lean, mean, machine**

True to its mantra of 'Exceed with

Less', the X3 weighs in at 1.87kg, while measuring less than an inch in height with a footprint of only 330cm, making it by far the lightest and most mobile gaming laptop known today. Perfect for those who love to travel light, the X3 is the only machine capable of delivering powerful performance in such a small form factor. With 1080p gaming using ultra-detail settings from NVIDIA GeForce GTX870M 6GB GDDR5 VRAM, the device scores an impressive P7104 in 3D Mark 11, and the X3 will play all games the way they were meant to be played.

**3K display for ultra-accurate and stunning details**

X3 comes standard with a 13-inch 2560x1440 resolution display while the X3 Plus has options for 13.9-inch QHD 2560x1440 or QHD+ 3200 x 1800 resolution. The anti-glare QHD+

display offers unprecedented sharpness for a revolutionary gaming experience. A feature formerly exclusive to high-end TVs and PC monitors, QHD+ is now an X3 Plus standard.

The ultra-high 3200x1800 resolution offers details rarely available on such mobile devices, while the 72% NTSC color gamut produces crystal clear images with stunning color accuracy. The extraordinary high luminance (400cd/m2) produces clarity and readability even outdoors or in brightly lit rooms.

**Streamlined design, superb cooling, next-generation storage**

The AORUS chassis provides a style that blends futuristic concepts of minimalism and fluid sculpture, the metallic silver falcon rests on the center with sculpted lines and three molded ridges surrounding the full

aluminum matte black chassis. The chassis incorporates dual vents, dual thermal pipes and dual fans. A pair of 512GB Next Generation Form Factor (NGFF) m.2 SATA solid state drives in lightning RAID 0 push performance. Two memory slots allow maximum capacity of 16GB DDR3L 1600hz SDRAM.

**Macro engine and cinematic gameplay at 4K**

The customizable macro engine is exclusive to AORUS and is available on the X3. Macro keys rarely available on gaming laptops now come on AORUS gaming laptop standard. Simplify and record your killer combos into one-click execution keys.

The scissor-switch key structure guarantees lightning response and great tactile feedback. Hardcore gamers who demand minimal distractions will find the backlit keyboard with adjustable



▲ AORUS X3

lighting handy during intense gaming.

Enjoy gaming on an external 4K display at 60Hz. Experience engaging gaming moments on the largest and best display with incredible detail. This is possible through a mini-display port standard on the X3.

**Relentless innovation; endless evolution**

Packed with the renowned Killer LAN chip and Intel 802.11ac, the X3 provides gamers with unprecedented

online gaming experiences for either on-site or on the move gaming. The Killer LAN chip optimizes network connection quality while allowing users to prioritize gaming sessions for seamless online gaming without latency.

The Intel 802.11ac solution brings extended coverage and stronger throughput, which greatly improves signal stability for Wi-Fi gaming while generic LAN chips manage an average of 14.9% packet loss rate.

# JMicron to launch USB 3.1 FPGA platform with new 10Gbps USB3.1 technology

**Press release**

JMicron will launch various innovative and optimized storage controllers at Computex 2014, including storage controllers based on the latest USB3.1 10Gbps technology. It will give live demonstrations in a private suite at the

Grand Hyatt Hotel, Taipei during Computex.

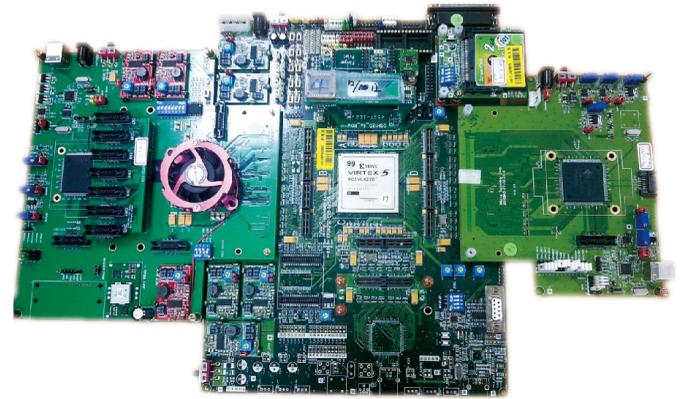
In addition, there will be dual-port SATA RAID/CLONE JMS561/562/561U SATAIII storage controllers, which are compatible hardware RAID engines. JMicron will launch various applications fulfilling

the requirements of port multipliers supporting JBOD, RAID0/1 and CLONE.

There will also be optimized controllers supporting single/multiple-port SATA III storage solutions. The JMicron JMS567/577/575 series enable less power consumption, better

performance, cost efficiency, and more connectivity with SSD, SSHD, Blue Ray optical drives, SMART TVs, and STB, the vendor said.

As for SSD (solid state drive) controllers, JMicron will demo new SATA3 SSD controllers, JMF670/JM670H, which support Micron L95B NAND flash and SSD capacity up to 512GB. JMicron will also showcase PCIe SSD controller solutions: JMF810, which is a PCIe Gen 2 x 2 Lane and SATA3 combo SSD controller; JMF811, which is a PCIe Gen 2 x 4 Lane SSD controller. These two PCIe SSD controllers feature sequential read/

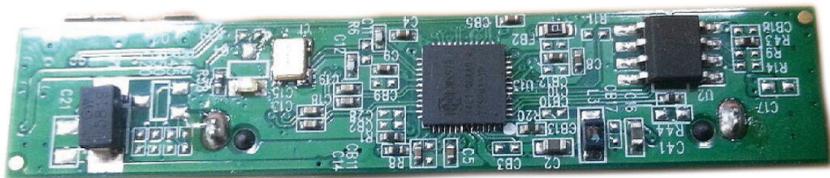


▲ USB 3.1 FPGA platform with new 10Gbps USB3.1 technology

write performance of over 1500MB/s.

Furthermore, these two controllers implement the JMicron new Data Management Engine to improve performance and total byte write to NAND.

JMicron Technology is a fabless IC company dedicated to producing innovative solutions and offering the most competitive solutions to the market. The company shipped over four million SSD controllers in 2013.



▲ JMS577 USB3.0 to SATA III enhanced controller

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