Navitas and HYPER Deliver the World's Smallest 100W 4-port Wall Charger

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GaNFast Power ICs enable HyperJuice – world-wide, full USB-PD 100W performance.

EL SEGUNDO, Calif.–(PRWeb)— Navitas Semiconductor today announced its partnership with HYPER by Sanho Corporation to introduce the HyperJuice 100W 4-port charger with GaNFast (Gallium Nitride) power IC technology to achieve the world's smallest and lightest portable form-factor.

Measuring only 85.3 x 60.8 x 28.9 mm (150 cc) the HyperJuice 100W is powerful enough to charge two 15" Macbooks simultaneously (via the 2x USB-C), with flexibility for two more mobile devices via the additional two USB-A ports.

"We wanted to make the smallest, most flexible 100W charger ever, so the circuit board and components are laid out in the most compact and space-efficient manner using only the industry's most efficient components that can deliver the best performance," said Daniel Chin, CEO of HYPER by Sanho Corporation, continuing "GaNFast technology enables 45% lower energy loss than the old, slow silicon chargers in the market today, and for the ultimate in portability, at only 208 g it's 50% lighter than competition too".

The 100W HyperJuice uses power-sharing technology to deliver optimal charging to a vast array of multiple devices from watches and air-pod chargers, all the way to a single 100W for the new Apple 16" Macbook. Either of the two USB-C outputs can deliver the maximum 100W as specific by the USB Power Delivery (PD) specification, with the two USB-A sockets providing up to 18W each for lower power, quick-charge or legacy systems. Capable of world-wide AC voltage input, the HyperJuice is supplied with innovative 'snap-fit' AC adapters (UK, EU/Korea, AU) to support the international explorer and business traveler without additional bulky, heavy converters.

"As shown by the $1.5M Kickstarter backing, confidence in the 100W HyperJuice is extremely high," said Gene Sheridan, CEO of Navitas, adding "We are very pleased to provide enabling GaNFast power IC technology as a key part of Sanho's next-generation charger roadmap. Here come the GaN chargers!".

About Navitas:

Navitas Semiconductor Inc. is the world's first and only GaN Power IC company, founded in 2014 and based in El Segundo, CA, USA. Navitas has a strong and growing team of power semiconductor industry experts with a combined 200 years of experience in materials, devices, applications, systems and marketing, plus a proven record of innovation with over 200 patents among its founders. GaN power ICs monolithically integrate power, analog and logic circuits to enable faster charging, higher power density and greater energy savings for mobile, consumer, enterprise, eMobility and new energy markets.

About HYPER by Sanho Corporation:

Celebrating our 14th year anniversary in 2019, HYPER by Sanho Corporation is a dynamic team based in Silicon Valley, California, specializing in delivering cutting-edge IT & mobile accessories with a focus on Apple, portable power, data storage & connectivity products. Hyper has a long, proven track record of delivering Kickstarter and Indiegogo projects. Previous portable power projects include HyperJuice (World's First 130W USB-C Battery Pack, the most crowdfunded power bank project on Kickstarter ($1.4M)), HyperDrive USB-C Hub for MacBook Pro (most crowdfunded MacBook and USB-C accessory ($3.1M)) and HyperDrive USB-C Hub for iPad Pro (most crowdfunded iPad accessory ($1.2M)). HyperJuice 100W is Sanho's 22nd crowdfunding project, with a total of over $9.22M raised and products delivered to over 94,000 backers.

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