

## Logic Supply Now Shipping Fanless NUC With 8th Generation Intel Kaby Lake Core i7 CPU

*The most compact i7-powered fanless NUC available, Logic Supply's ML100G-31 is built around an Intel Dawson Canyon NUC board and employs the company's proven Hardshell™ Fanless Technology to ensure unparalleled thermal performance.*

### **SOUTH BURLINGTON, VT (AUGUST 28, 2018)**

In response to increasing demand for enhanced processing power at the edge, IoT hardware specialists Logic Supply ([www.logicsupply.com](http://www.logicsupply.com)) have released the smallest ever fanless and ventless NUC to feature an 8th generation Intel® Core™ i7 processor. Available as part of the company's ML100 Series, the [ML100G-31](#) provides a fully solid state, passively cooled computing solution, designed for reliability in demanding environments and measures just 142 x 62 x 107mm, making it the smallest Intel Kaby Lake i7 PC on the market.



"There's an incredibly diverse, and ever-growing, array of computing applications that require a precise combination of small footprint, computing performance and reliability," says Murat Erdogan, VP of Products at Logic Supply. "Ultimately, we want to provide computer users with the right hardware solution, no matter the job at hand, and an i7 fanless NUC option was a frequent request from our clients. Our team worked very hard to overcome the thermal management challenges, but adding i7 processing to the ML100 provides another level of flexibility to one of our most popular small form factor platforms, and we're looking forward to seeing what our clients are able to create with it."

Logic Supply, with support from Intel's thermal design lab, created a proprietary heatsink for the NUC717DNBE motherboard and Quad-Core i7-8650U Kaby Lake CPU. They also collaborated with Intel to identify a way to ensure that the ML100G-31 features the 5 year lifecycle that will allow their industrial computing clients to standardize on the platform.

The ML100 is able to cool the processor and other internal components by employing Logic Supply's proven Hardshell™ Fanless Technology. Through the use of unique exterior fins and specially machined heatsink design, the system is able to maintain an optimal operating temperature without the need for a cooling fan. Removing the fan from the system improves overall reliability and, unlike fanned solutions that are vulnerable to airborne contaminants, allows it to operate in challenging computing environments across a range of industries including manufacturing and automation, industrial digital signage, logistics and remote security and surveillance.

"The proliferation of cloud computing has created a need for enhanced processing capabilities at the edge," says Joel Christensen, General Manager, Systems Product Group of the Intel Corporation. "Having an Intel Core i7 processing option in a compact, fully solid state device, such as the Logic Supply ML100, provides excellent installation and application flexibility while helping to limit bandwidth usage and process latency."

The new Intel Core i7 processor option joins Core i3 and Core i5 variants in Logic Supply's [ML100 Series](#) of industrial IoT PCs. The system can be configured with up to 32 GB of memory and 1TB of M.2 storage. Connectivity includes four USB 3.0 ports, two HDMI ports supporting dual 4K output, Gb LAN and an optional COM port for legacy equipment connectivity. Operating system options include both Windows and Linux Ubuntu.

The ML100G-31 with Core i7 processing will make its debut at IMTS 2018 from September 10th through the 15th in Chicago, Illinois. The system will be demonstrated at the Logic Supply booth (#134119) powering a robotic arm and 3D vision system from Robotic Vision Technologies Inc. (<http://roboticvisiontech.com/>).

For more information, full specs and pricing and to configure the ML100 online, visit [www.logicsupply.com/ml100g-31](http://www.logicsupply.com/ml100g-31), or contact a Logic Supply Solution Specialist directly at +1 802-861-2300 in the US or +31 (0)85 2733760 in Europe.

### **About Logic Supply**

As global industrial PC company focused on hardware for the IoT edge, Logic Supply designs highly-configurable computers engineered for reliability. Their systems operate in the harshest environments and power innovation in the evolving Internet of Things. Fueled by a unique direct-to-customer business model that combines vertical integration, modular product design and a powerful online platform, Logic Supply offers computers "designed to last, built to order, and delivered in days." Founded in 2003, the company has served more than 70,000 customers worldwide from offices in North America, Europe, and Taiwan. Learn more about why innovators choose to "Build It With Logic" at [www.logicsupply.com](http://www.logicsupply.com) or on Twitter [@LogicSupply](#).