

Giada Releases D68 book-sized PC Powered by Intel's Latest 8th-Gen Processors

One device with three displays, up to 4K resolution, powered by the Intel Whiskey Lake CPU

Giada, a provider of embedded PCs, embedded motherboards, server and storage appliances, is pleased to announce the compact Giada D68, the company's latest book-sized PC, ideal for signage player applications in hospitality, retail, commercial, service and advertising roles. This device brings organizations all the performance and efficiency of Intel Whiskey Lake CPUs, plus independent outputs to multiple 4K displays, plus the ease of use and rapid employee and client uptake offered by intuitive touch screen support.

High-performance powered by Intel's latest 8th-Gen Core processors

D68 is powered by Intel's latest 8th-Gen Whiskey Lake processors. Intel announced the low power mobile Whiskey Lake CPUs availability in August this year. According to Intel, the CPUs, using a 14 nm process technology, offer a double-digit performance gains when compared to the Kaby Lake Refresh parts. Intel also claims the new processors offer 1.8x better web performance. Video editing in Adobe is projected to be almost three times faster, and 4K videos should take half the time to create.

Powered by dual-core Core processors, D68 features high performance. It can be used widely in digital signage solutions where energy-efficient computer power and high-quality graphics performance is required.

Ideal choices for touch screen display solutions

Interactivity is taking the market by storm. As users get familiar with mobile devices and tablets they want the same experience on desktop and public venue displays. Natural human interface research is showing that Touch is everywhere.

D68, which contains the most modern and powerful processor and runs on Intel's UHD620 as graphics unit, is an ideal support for interactive displays. The player, with a frequency of 2.10 GHz (Up to 3.90 GHz) and an onboard super-high-speed M.2 SSD slot, can provide high speed transmission bandwidth for customers' onsite interactive experience.

Three big 4K screens can be driven by one tiny device

For such a compact unit, the D68 provides outstanding display quality, up to 4K, on as many as three screens at the same time – with each screen obviously able to show entirely different data, when required, and a DP outputs supporting resolutions up to 4096 x 2304 at up to 60Hz. The display output connections consist of one Display Port connector, and two HDMI ports, and the PC is capable of displaying one sub-4K video through DP while simultaneously showing two 4K images via HDMI. The ability to run multiple screens from one small, low power device can obviously offer great cost savings when compared to older systems.

High-end book-size signage player

With an Intel Whiskey Lake CPU providing ample processing power at its core, the D68 offers up to 32GB of DDR4 memory in two SO-DIMM slots. Operating system support includes the latest 64 bit Windows 10 and Linux variants.

With an especially slim-line casing of 26mm and a volume of 0.7 liters it is probably the slimmest Whiskey Lake mini PC in the world and therefore ideal for the installation behind flat screens. Network connectivity is provided by a RJ45 Gigabit Ethernet LAN connector, and a SIM slot for the ultimate convenience of mobile connectivity. There is also a Mini-PCIe slot that offers a choice of storage options or wireless connections – mSATA, WIFI, 3G and 4G.

Other storage, output and expansion sockets and connections include five USB 3.1 slots, 1 x mSATA, 1 x M.2(2242/2280) for SSD. All these options allow for huge, high speed on board storage for applications that need it. There's also an RS-232 serial port for full legacy application and hardware support.

For full specifications and more details about the new Giada D68, please go to <http://www.giadatech.com/index/product/detail/aid/592.html>

About Giada

Giada, a premium brand of Shenzhen JEHE Technology Development Co., Ltd. (JEHE), is committed to becoming an innovative and globally leading provider of products and solutions in cloud computing, big data, and IoT. Giada is dedicated to promoting the development of the global IoT (Internet of Things) and AI industry, focusing on new retail, smart education, health-care, enterprise, public services and industrial automation technology. Giada, ranking top 10 media player supplier in the German-speaking region for a third consecutive year, is a core ODM partner of Intel in China, and an Associate Member of Intel ISA (IoT Solution Alliance) <http://www.giadatech.com/>