



For immediate release

Launch of “SubZero M.2 XL” – Accessory
High-Performance Cooling Kit for M.2 Type 22110 SSD

HONG KONG, 29 November 2019

Thermal Solutions specialist *GELID Solutions* unveils the latest cooling kit for the M.2 Type 22110 Solid State Drives. The *SubZero M.2 XL* is a product of GELID Solution GAMER product line.

The *SubZero M.2 XL* is designed to cool down the M.2 Type 22110 SSD efficiently and prevents thermal throttling. It helps to improve performance, increase durability and enhance data integrity of the M.2 solid-state drives. The *SubZero M.2 XL* uses the ultra-slim aluminum heatsink and the specially crafted thermal pads to deliver the best heat transfer and maintain significantly lowered operating temperatures for memory ICs and other electronic components of the M.2 Type SSD. Additionally, the set of 3 ultra-durable silicone ring fixtures is supplied with the *SubZero M.2 XL* to ensure safe mounting of the heatsink. The *SubZero M.2 XL* features quick installation and fits all standard M.2 Type 22110 SSD designed for laptops or desktops.

“The top fastest M.2 SSD models generate heat and thermal throttling may occur even in normal operation. Our SubZero M.2 XL is here to help with enhanced cooling to unleash the full power of your M.2 Type 22110 SSD”, said Gebhard Scherrer, Sales Director of GELID Solutions Ltd.

The *SubZero M.2 XL* is available now and has a MSRP of USD 10 or Euro 9.

About SSD Thermal Throttling

Thermal Throttling is a technique whereby the frequency of an IC can be automatically adjusted to reduce the amount of heat generated by the IC. Normally, the SSD electronic components operate within the standard temperature range at full speed. But in case of high workloads – running the apps such as computer games, audiovisual processing or other data-intensive computing – an excessive heat can be generated by the SSD controller and memory ICs due to a high number of read/write operations and high data output. To cool down the SSD, an automatic duty cycle is applied, the effective SSD frequency becomes lower, and the operating temperature gradually comes into the normal range. For this cycle, performance of the SSD degrades until it runs cooler. Some laptops may also have poor cooling inside the M.2 cabinet. In that case, a sequential activation of thermal throttling may occur, resulting in continuous underperformance of the M.2 SSD. The SubZero M.2 XL significantly improves cooling of the M.2 Type 22110 SSD. Therefore, operating temperature of the supported SSD becomes much lower. The SubZero M.2 XL helps to maintain temperature within the normal range under any workload and prevents thermal throttling from activation.

If you are interested in reviewing this product please email your inquiry.
For further product information please visit www.gelidsolutions.com

Press Contact

Mr. VC Tran
vc.tran@gelidsolutions.com
+852 8125 7538

About GELID Solutions Ltd

GELID Solutions Ltd. is a Hong Kong based company with Swiss Management. GELID designs and manufactures thermal solutions, CPU & VGA coolers, fans, and other computer hardware for gamers and silent enthusiasts. For more information visit www.gelidsolutions.com