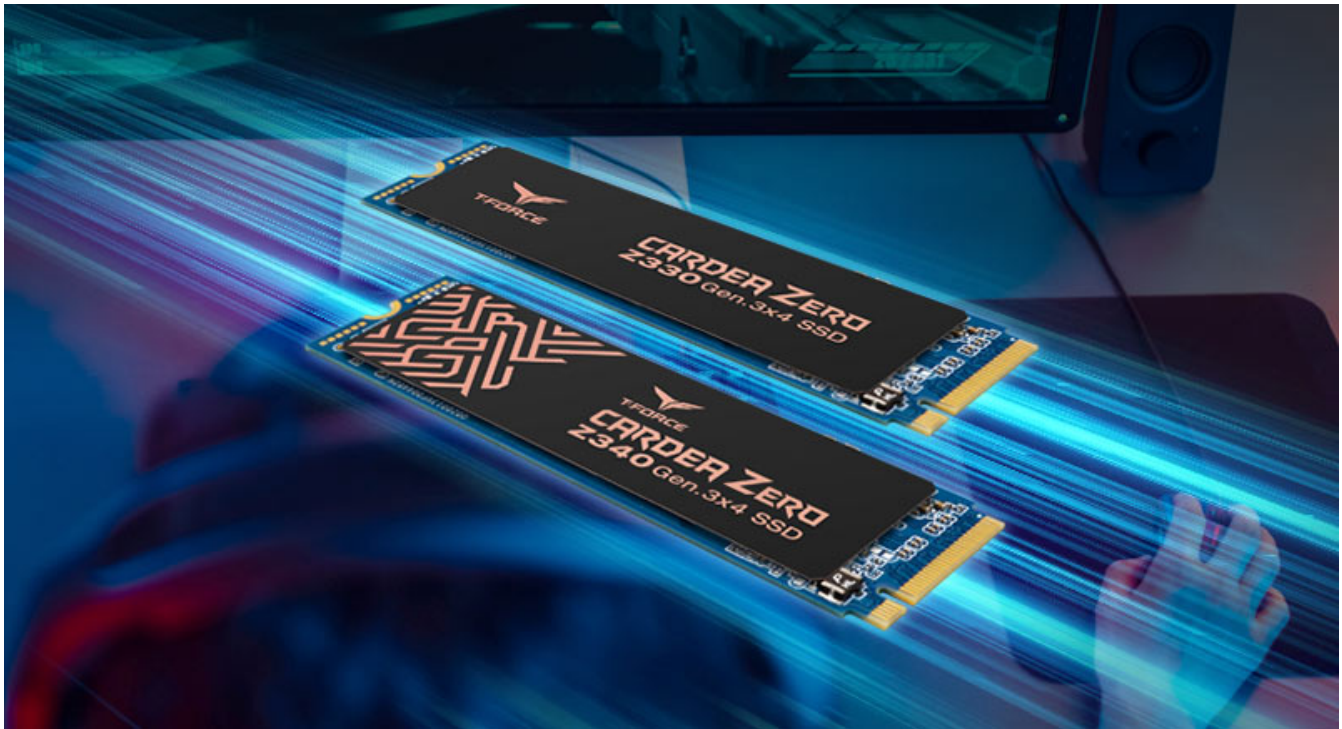


Team Group Cools SSDs With Graphene Copper

Written by Frederick Douglas
15 April 2020

Team Group announces the T-Force Cardea Zero Z330 and Z340-- a pair of M.2 form factor NVMe PCIe Gen3 x4 SSDs featuring a patented graphene copper foil cooling module providing what the company claims is a 9% cooling effect in sustained use.



The cooling module is just 1mm thick, and Team Group says the cooling effect can be observed after three hours of continuous read/write ops. That said, one has to keep in mind the SSDs were compared with drives lacking any cooling, as opposed to an SSD with a conventional metal heatsink. However it does make for drives with an attractive black and gold design aimed primarily at gamer customers.

In further details, the Z330 is capable of continuous read/write speeds reaching 2100/1700MB/s, while the ZZ340 reaches 3400/3000MB/s. Both feature a number of intelligent management technologies, including SMART (Self-Monitoring Analysis and Reporting Technology), TRIM command and LDPC ECC error correction.

The two SSDs are available in capacities ranging from 128GB to 1TB.

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