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## Statement of Volatile Memory Found in Kanguru Optical Disc Duplicators

Kanguru Optical (DVD and Bluray) Duplicators have onboard memory built-in for storing the system firmware and ensuring stable duplication. Each system contains SDRAM and 4MB of Flash memory.

The 4MB of flash memory is non-volatile and stores the duplicator's firmware. The flash memory is not accessible to the user and is protected by FPGA security technology.

This SDRAM acts as a cache. When the duplicator is creating a copy, data is read from the source and temporarily stored in the cache before it is written to the Target disc(s). The cache is composed of volatile SDRAM memory and all data stored in the cache area is erased when the Duplicator is powered down. The amount of SDRAM may vary depending on the number of targets. Single target Optical Duplicators contain 64MB SDRAM. All other Optical Duplicators contain 256MB SDRAM.

Best Regards,

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