

KIOXIA Enterprise SLC

High Density, High Endurance

KIOXIA Enterprise SLC (eSLC) devices offer high density, high endurance, and high reliability for a variety of applications. When boot code with high reliability is a must, eSLC is a cost-effective, flexible solution.

Features and Benefits



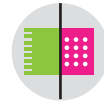
High
Endurance



High
Reliability



Legacy and Toggle
Mode Interfaces



TSOP / BGA
Packages



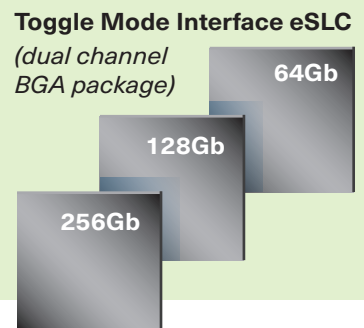
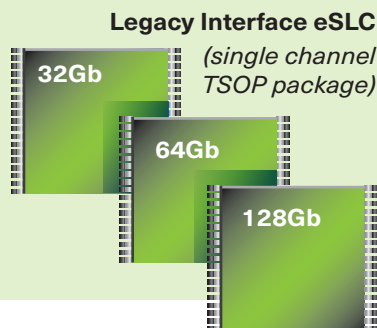
High
Density



I Temp and
C Temp Options

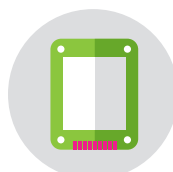
eSLC Densities and Packaging

High Density SLC
Flash Memory
with I Temp and
C Temp Options

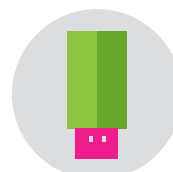


eSLC Target Applications

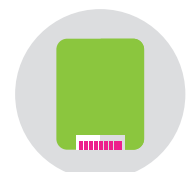
For applications requiring a memory solution that can withstand excessive temperatures or a rugged environment, eSLC is an ideal solution*:



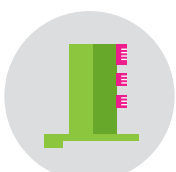
Industrial
SSD Modules



eUSB



eSD



RAID
Cards



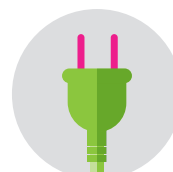
Wireless
Infrastructure



Factory
Automation



IIoT

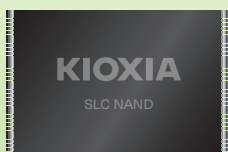


Electrical Utility
Infrastructure

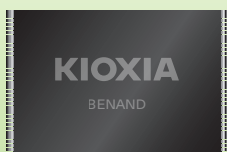


Network
Interface Cards

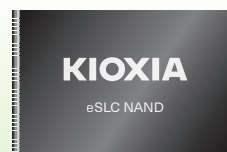
The KIOXIA SLC Family



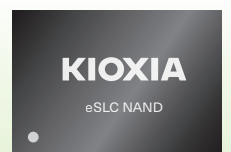
SLC



BENAND™



eSLC NAND



KIOXIA

KIOXIA delivers flash-based products for next-generation storage applications. Having invented NAND flash over 35 years ago, KIOXIA is now one of the world's largest flash memory suppliers – and continues to move the technology forward.

*Tolerances for temperature ranges and environmental conditions vary, please refer to individual product specifications for details.

In every mention of a KIOXIA product: Product density is identified based on the density of memory chip(s) within the Product, not the amount of memory capacity available for data storage by the end user. Consumer-usable capacity will be less due to overhead data areas, formatting, bad blocks, and other constraints, and may also vary based on the host device and application. For details, please refer to applicable product specifications. The definition of 1KB = 2¹⁰ bytes = 1,024 bytes. The definition of 1Gb = 2³⁰ bits = 1,073,741,824 bits. The definition of 1GB = 2³⁰ bytes = 1,073,741,824 bytes. 1Tb = 2⁴⁰ bits = 1,099,511,627,776 bits.

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