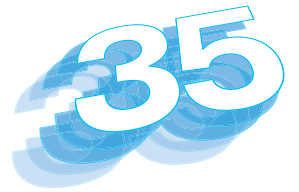


# 35 Years of NAND Flash Memory

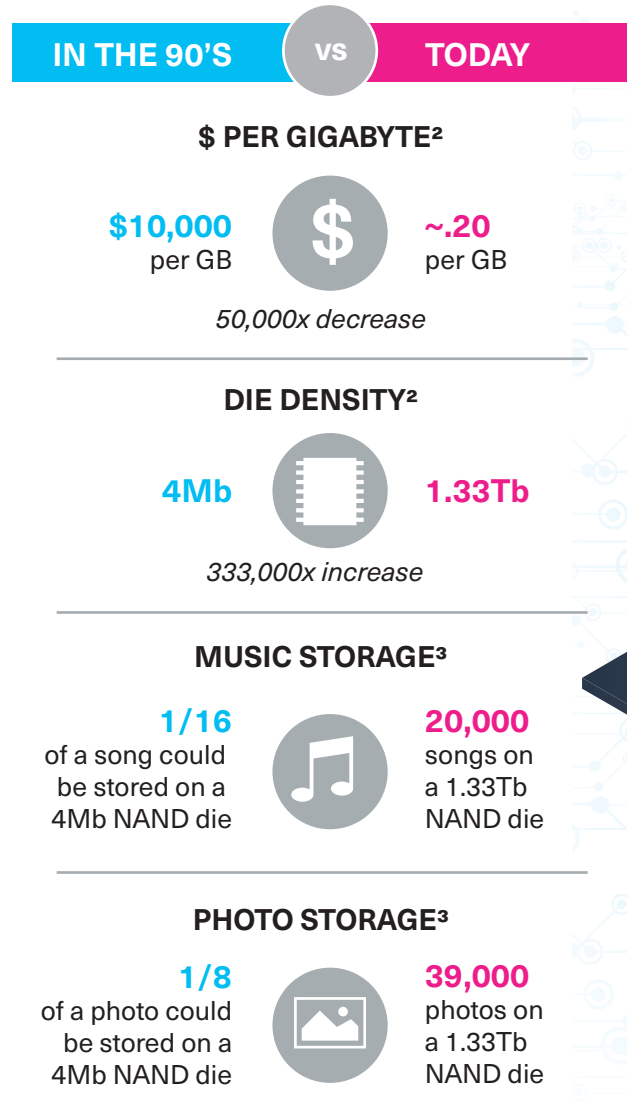
In 1987, KIOXIA invented NAND flash memory – a technology that has had a far-reaching impact on the entire world.

INVENTOR OF FLASH MEMORY



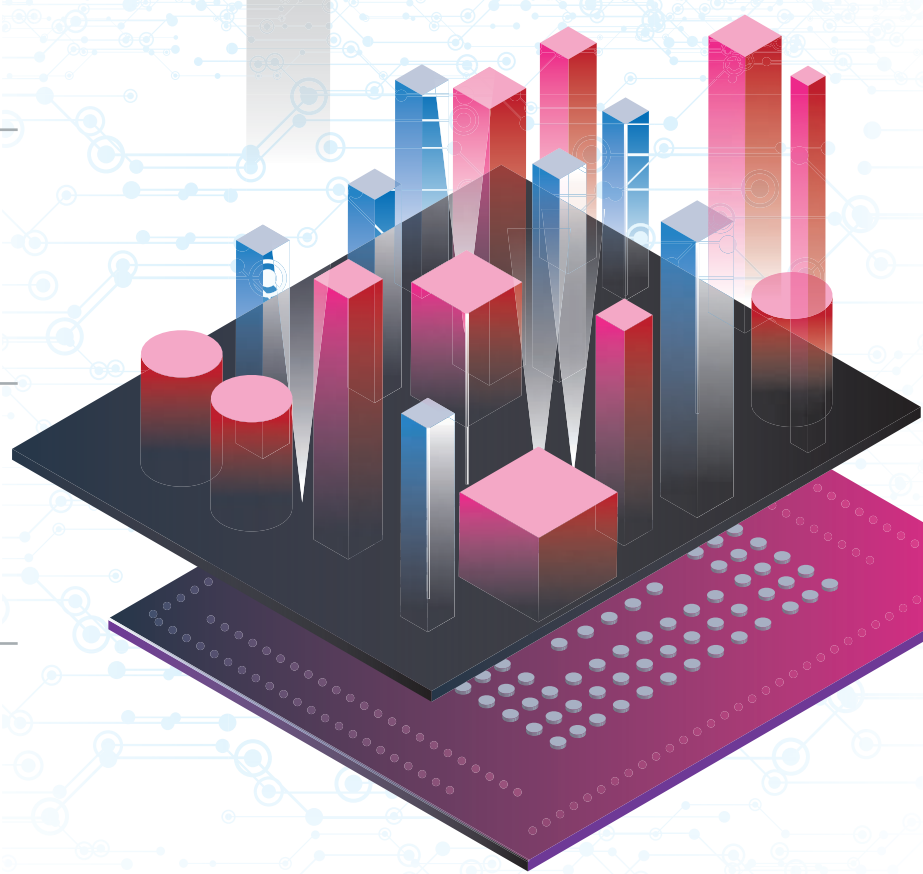
YEARS OF INNOVATION

## Look How Far We've Come – Flash Facts



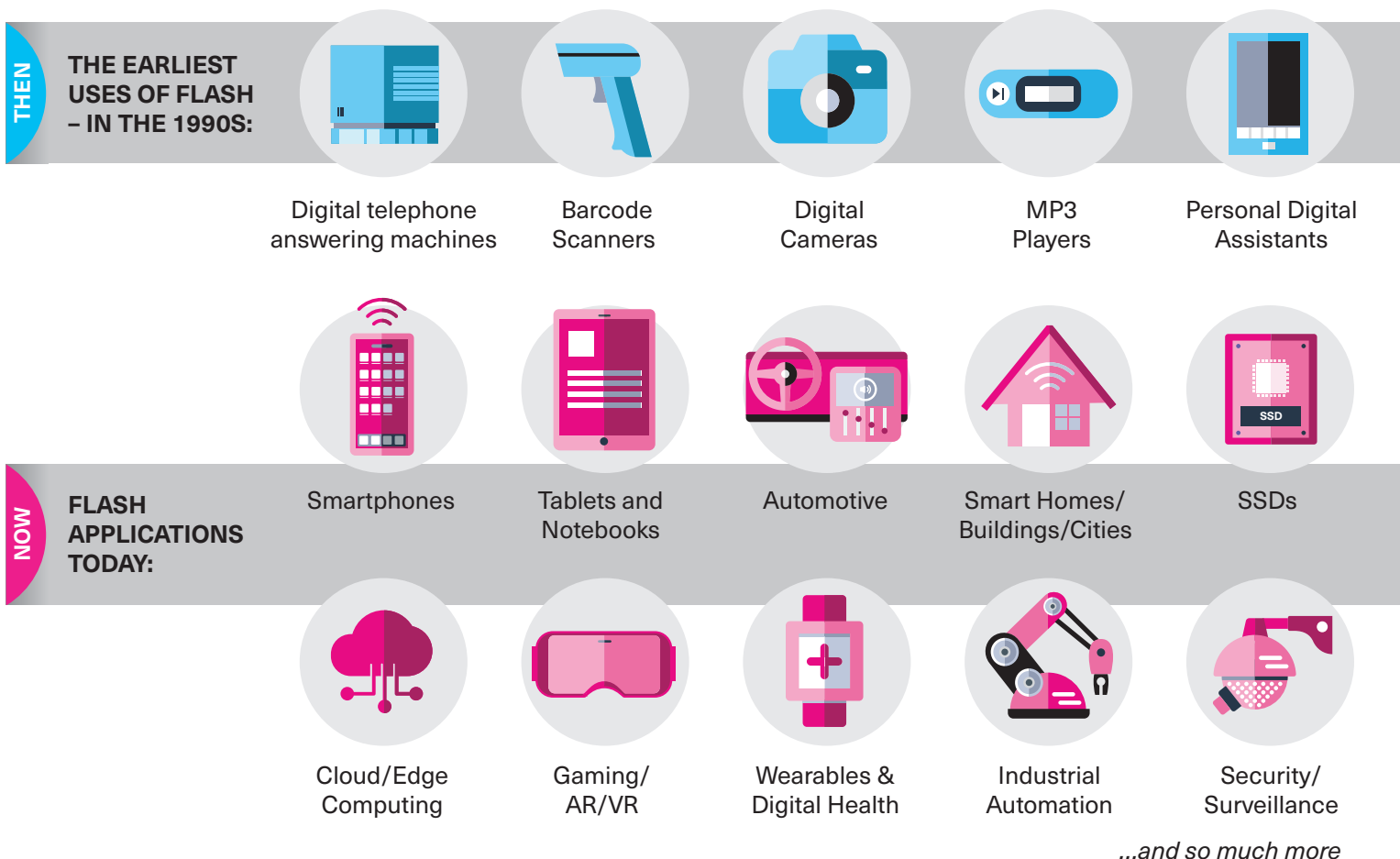
## Market Growth

From the 90's to today, the market size for flash memory continues to grow



## The Evolution of Applications – From Then to Now

Some of the first flash applications are almost unrecognizable today. And, many new applications have been born that would not have been possible without KIOXIA's invention.



...and so much more

## KIOXIA

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

[1] Forward Insights 3Q2021  
 [2] Based on KIOXIA internal research  
 [3] Based on KIOXIA calculations. Assuming 8MB per song and 4.2MB per photo.

In every mention of a KIOXIA product: Definition of capacity - KIOXIA Corporation defines a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1Gb = 230 bits = 1,073,741,824 bits, 1GB = 230 bytes = 1,073,741,824 bytes and 1TB = 240 bytes = 1,099,511,627,776 bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system, and/or pre-installed software applications, or media content. Actual formatted capacity may vary.