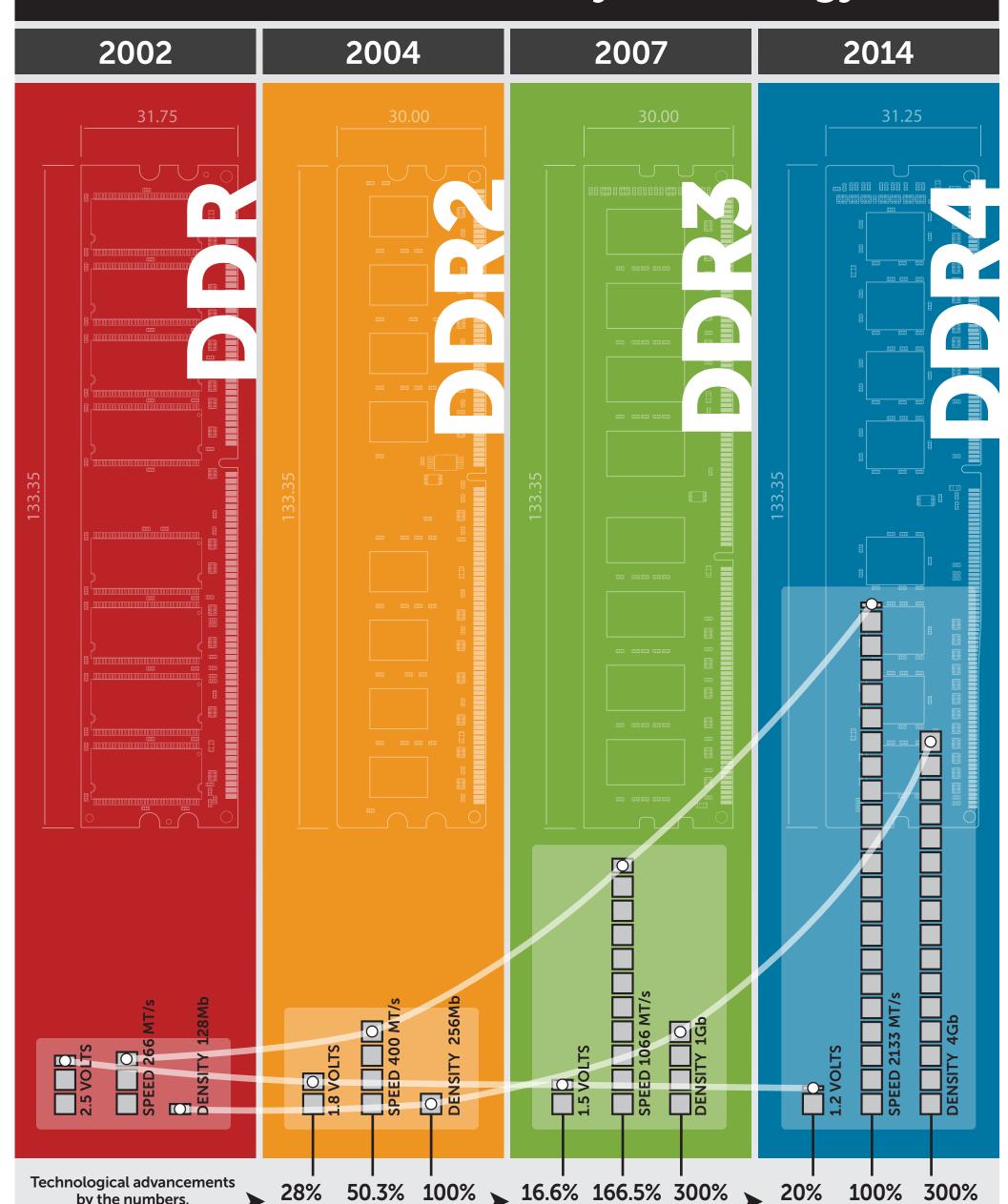
# Crucial® DDR4 Memory Technology



# Next-gen memory. Next-gen performance.

DECREASE from DDR2

INCREASE from DDR

INCREASE from DDR2

INCREASE from DDR2

# **MORE EFFICIENT Up to 20%**

DECREASE from DDR

INCREASE from DDR

by the numbers,

starting with DDR

less power

# **Energy Efficient**



DDR4 (1.2V)

# **Longer Battery Life**



Less voltage allows for longer battery life.

# **Lower Energy Costs**

Less voltage means big savings for data centers and large-scale applications.

# **Reduced System Temps**



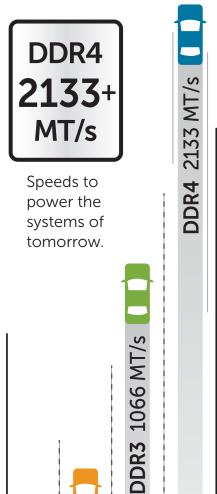
Less heat generated per module makes it easy to keep your system cool.

# **MORE SPEED**

2x Faster

#### **Why Speed Matters**

Faster application load times. Increased responsiveness. Increased ability to handle the data-intensive programs of tomorrow.



# **MORE DENSITY**

DECREASE from DDR3

INCREASE from DDR3

INCREASE from DDR3

2x Density

### **Why Density Matters**

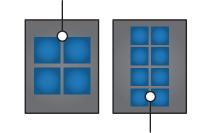
DDR4 allows you to get more out of a single memory module.





Smaller dies allow more gigabits per component.

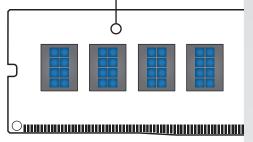
# 4Gb DDR3 Component



# 8Gb DDR4 Component

More capacity per component allows for higher density modules.

#### Up to 16GB DDR4 UDIMMs



Higher density modules allow for greater RAM capacity, which will pave the way for next-gen performance.

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NOTE: This infographic contains forward-looking statements regarding the production of DDR4. Actual events or results may differ materially from those contained in the forward-looking statements. Please refer to the documents Micron files on a consolidated basis from time to time with the Securities and Exchange Commission, specifically Micron's most recent Form 10-Q. These documents contain and identify important factors that could cause the actual results for Micron on a consolidated basis to differ materially from those contained in our forward-looking statements (see Certain Factors). Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements.

