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SEMICONDUCTOR

DDR4

K4A8G165WC-BCRC



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Exceptional Speed, High Reliability, Low Energy Consumption

High-performing memory empowers faster, powerful solutions.
Samsung DDR4 delivers top speed with better bandwidth and reliability using less energy.

An Evolution in Performance

Less Energy, Greater
Efficiency

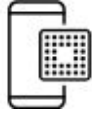
Improved Reliability

Specifications

Density	8Gb	Org.	512M x 16
Speed	2400 Mbps	Voltage	1.2 V
Temp.	0 ~ 85 °C	Package	96FBGA
Product Status	Mass Production		

SEE ALL

Related Resources

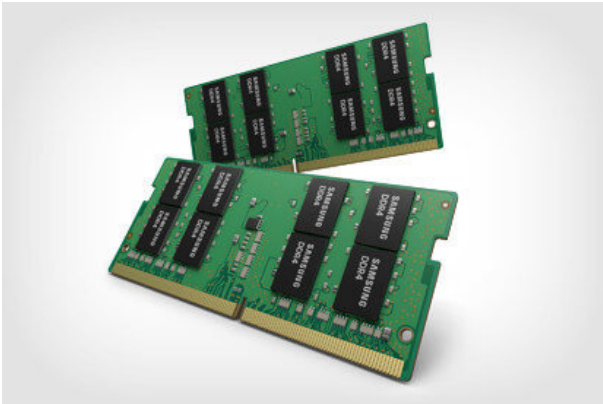


DDR4 Device Operation & Timing Diagram



x16 only_8G_C_DDR4_Samsung_Spec_Rev1.5_Apr.17.pdf

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The Industry's First 32GB DDR4 SODIMM

The new 32GB DDR4 SoDIMM doubles capacity and increases speed to 2,666Mbps with the reduction in power consumption of up to 39 percent

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New 'PM1643' is built on latest 512Gb V-NAND and features industry-first 1TB NAND flash package, 40GB of DRAM, new controller and custom software

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Samsung offers performance an

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