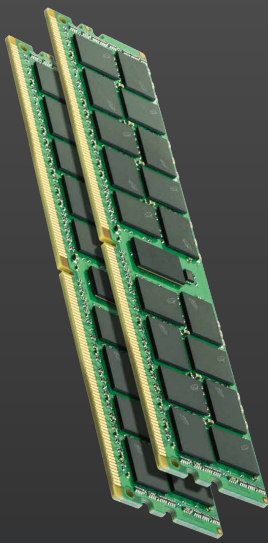# CLIMB
LIFECYCLE SOLUTIONS

PRODUCT HIGHLIGHTS

- Process data faster—up to twice as fast as introductory DDR3 data rates

- Increase data throughput—up to twice the bandwidth of introductory DDR3 memory

- Double server memory capacity—enable up to twice the installed memory capacity as module densities mature

- Increase data throughput—up to twice the bandwidth of introductory DDR3 memory

- Easier system cooling—less heat generated per module

- Optimized for future Intel® Xeon® processor E5-2600 v3 product family

- Compatible with OEM servers and warranties

- Limited lifetime warranty*

Climb DDR4 Data Center Memory

DDR4 Next Gen Memory offers Increased Speed, Increased Bandwidth and Increased Efficiency

Introducing Climb, Climb Lifecycle Solutions, accessories purpose built to solve your servers greatest restrictions. From networking, cloud computing, and virtualization to HPC, Big Data and more, memory–dependent server applications require increasingly higher densities of memory and higher levels of performance.

Increase the performance in your HPC, Cloud Computing, Big Data and more

For memory–dependant server applications such as virtualization, cloud computing, Big Data, and HPC, Climb DDR4 server memory is an ideal way to increase memory bandwidth and capacity, while also reducing power expenses. Since memory often functions as a fixed (non–shared) component, it's one of the biggest performance constraints for data centers. Maximize DDR4 memory capacity and achieve next generation performance and efficiency. Climb DDR4 memory is optimized for future Intel® Xeon® processor E5-2600 v3 product family, allowing you to handle diverse enterprise workloads with ease.

Twice the Speed

Process data faster and double memory bandwidth to up to 17 GB/s. With Climb DDR4 memory, introductory data rates start at 2133 MT/s and get even faster as the technology matures, compared to introductory DDR3 rates of 1066 MT/s. Climb DDR4 memory also delivers faster burst access speeds for improved sequential data throughput by utilizing four channel memory architecture that's unique to DDR4 technology.

Twice the Capacity

Maximize system performance by doubling memory capacity. As DDR4 memory technology matures, it will allow you to double your server's memory capacity and get more out of every module—and your entire network. Built using advanced technology that allows more gigabits per component, Climb DDR4 memory is designed to utilize higher density components, allowing us to deliver DDR4 modules that are up to twice as dense.

40% More Energy Efficient

Reduce power and cooling expenses. Climb DDR4 memory uses 20% less voltage than DDR3 technology, and operates at just 1.2V compared to 1.5V for standard DDR3 server memory. Combined with the additional power–saving features inherent in DDR4 memory architecture, Climb DDR4 memory is able to deliver up to 40% power savings compared to standard DDR3 tech.