Ballistix Tracer BL2KIT6464AL804 1GB (2 x 512mb) Dual-Channel 240-pin DIMM

Approximately 5.25 in. by 1.18 in. (133.35 mm by 30 mm)

What is Ballistix Tracer memory? Ballistix Tracer memory is specifically built for performance enthusiasts and case modders who want to push the performance envelope while adding flash appeal to their boxes. The Ballistix line of high-performance memory modules features advanced speed grades, low latencies, and integrated aluminum heat spreaders. Ballistix Tracer memory features a black PCB, black integrated heat spreaders, and one or two rows of eight "chasing" red and green LEDs atop the module, circulating in a random pattern based on memory utilization. A custom-designed circuit relays bus activity to the LEDs, allowing them to accurately reflect usage of each memory module. In addition, eight blue ground effects LEDs emit a constant glow near the pins.

What is a Ballistix Tracer 240-pin DIMM?

A Ballistix Tracer dual inline memory module (DIMM) consists of a number of memory components that are attached to a black printed circuit board. The gold pins on the bottom of the DIMM provide a connection between the module and a socket on a larger printed circuit board. The pins on the front and back of a DIMM are not connected to each other.

Ballistix Tracer 240-pin DIMMs are used to provide DDR2 SDRAM memory for desktop computers. DDR2 is a leading-edge generation of memory with an improved architecture that allows it to transmit data very fast. Ballistix Tracer 240-pin DIMMs are available in DDR2 PC2-5300 (DDR2 667), SDRAM, DDR2 PC2-6400 (DDR2 800), and DDR2 PC2-8500 (DDR2 1066).

To use DDR2 memory, your system motherboard must have 240-pin DIMM slots and a DDR2-enabled chipset. A DDR2 SDRAM DIMM will not fit into a standard SDRAM DIMM socket or a DDR DIMM socket. (Information about which memory technology your system uses is included in the Crucial Memory Advisor™ tool.)

The number of black components on a Ballistix Tracer 240-pin DIMM can vary, but it always has 120 pins on the front and 120 pins on the back, for a total of 240. Ballistix 240-pin DIMMs are approximately 5.25 inches long and 1.18 inches high, though the heights can vary. While 240-pin DDR2 DIMMs, 184-pin DDR DIMMs, and 168-pin DIMMs are approximately the same size, 240-pin DIMMs and 184-pin DIMMs have only one notch within the row of pins. The notch in a 240-pin DDR2 DIMM is closer toward the center of the module.

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