

PRODUCT SPEC SHEET - K24-5872

Kingston HyperX 6GB DDR3 1600MHz Memory - Non-ECC, CL9, Unbuffered DIMM, 240-pin - \$79.42 (includes shipping & handling)

Kingston HyperX 6GB DDR3 1600MHz Memory is a kit of three 256M x 64-bit 2GB (2048MB) DDR3-1600MHz CL9 SDRAM (Synchronous DRAM) memory modules, based on sixteen 128M x 8-bit DDR3 FBGA components per module. The Kingston HyperX 6GB DDR3 1600MHz Memory kit supports Intel® XMP (Extreme Memory Profiles). The Kingston HyperX 6GB DDR3 1600MHz Memory kit capacity is 6GB. Each module kit has been tested to run at DDR3-1600MHz at a low latency timing of 9-9-9-27 at 1.65V. The SPDs are programmed to JEDEC standard latency DDR3-1333MHz timing of 9-9-9 at 1.5V. Each 240-pin DIMM uses gold contact fingers and requires +1.5V.

What It Is and Why You Need It

- 8 independent internal banks
- 8-bit pre-fetch
- Bi-directional Differential Data Strobe

Specifications

Kingston HyperX 6GB DDR3 1600MHz Memory

- Memory Category: Desktop
- Memory Type: DDR3
- Memory Speed MHz: 1600MHz
- Memory Size: 2048MB
- Total Memory Size: 6GB
- Memory Modules: 3
- Memory Channels: Triple
- Memory Socket: DIMM
- Memory CAS Latency: 9
- Memory Timing: 9-9-9-24
- Pins: 240
- Voltage: 1.5V
- ECC: No
- Memory Buffer: Unbuffered



Detailed Features

Specifications

- CL(IDD): 9 cycles
- Row Cycle Time (tRCmin): 49.5ns (min.)
- Refresh to Active/Refresh Command Time (tRFCmin): 110ns

Features

- JEDEC standard 1.5V ± 0.075V Power Supply
- Programmable Additive Latency: 0, CL - 2, or CL - 1 clock
- Programmable CAS Write Latency(CWL) = 7(DDR3-1333)

Manufacturer Warranty

Warranty provided by Kingston:

- **Lifetime Warranty**
- Support URL: <http://www.kingston.com>
- Support Phone Number: **(800) 337-8410**

