




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for KINGSTON KVR1066D3Q8R7SK2-16GI. You'll find the answers to all your questions on the KINGSTON KVR1066D3Q8R7SK2-16GI in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual KINGSTON KVR1066D3Q8R7SK2-16GI
User guide KINGSTON KVR1066D3Q8R7SK2-16GI
Operating instructions KINGSTON KVR1066D3Q8R7SK2-16GI
Instructions for use KINGSTON KVR1066D3Q8R7SK2-16GI
Instruction manual KINGSTON KVR1066D3Q8R7SK2-16GI



Kingston
TECHNOLOGY
KING RAM

Memory Module Specification

KVR1066D3Q8R7SK2/16GI
16GB (8GB 1Gb x 72-Bit x 2 pcs.) PC3-8500
CL7 Registered w/Parity 240-Pin DIMM Kit

DESCRIPTION:
 ValueRAM's KVR1066D3Q8R7SK2/16GI is a kit of two 1Gb x 72-bit (8GB) DDR3-1066 CL7 SDRAM (Synchronous DRAM) registered w/parity, quad-rank memory modules, (Intel® Compatibility Tested), based on thirty-six 256M x 8-bit DDR3-1066 FBGA components per module. Total kit capacity is 16GB. The SPDs are programmed to JEDEC standard latency 1066MHz timing of 7-7-7 at 1.5V. Each 240-pin DIMM uses gold contact fingers and requires +1.5V. The electrical and mechanical specifications are as follows:

FEATURES:

- JEDEC standard 1.5V ± 0.075V Power Supply
- VDDQ = 1.5V ± 0.075V
- 533MHz ICK for 1066Mbit/sec/pin
- 8 independent internal bank
- Programmable CAS Latency: 6,7,8,9
- Programmable Additive Latency: 0, CL - 2, or CL - 1 clock
- Programmable CAS Write Latency (CWL) = 6 (DDR3-1066)
- 8-bit pre-fetch
- Burst Length 8 (Interleave without any limit, sequential with starting address '000' only), 4 with CCD = 4 which does not allow seamless read or write (either on the fly using A12 or MRS)
- Bi-directional Differential Data Strobe
- Internal(self) calibration - Internal self calibration through ZQ pin (RZQ) : 240 ohm ± 1%
- On Die Termination using ODT pin
- On-Die BMM thermal sensor (Grade B)
- Average Refresh Period 7.8us at lower than TCASE: 85°C, 3.9us at 85°C < TCASE: 95°C
- Asynchronous Reset
- PCB : Height 1.180" (30.00mm), double sided component

PERFORMANCE:

<input checked="" type="checkbox"/> CL (tDD)	7 cycles
<input checked="" type="checkbox"/> Row Cycle Time (tRCmin)	50.63ns (min.)
<input checked="" type="checkbox"/> Refresh to Active/Refresh Command Time (tRFCmin)	160ns (min.)
<input checked="" type="checkbox"/> Row Active Time (tRASmin)	37.5ns (min.)
<input checked="" type="checkbox"/> Power	3.705 W (operating per module)
<input checked="" type="checkbox"/> UL Rating	94 V-0
<input checked="" type="checkbox"/> Operating Temperature	0° C to 85° C
<input checked="" type="checkbox"/> Storage Temperature	-55° C to +100° C

Document No. VALUERAM0939-001.A00
12/06/10
Page 1



[You're reading an excerpt. Click here to read official KINGSTON KVR1066D3Q8R7SK2-16GI user guide](http://yourpdfguides.com/dref/3333239)
<http://yourpdfguides.com/dref/3333239>

Manual abstract:

) PC3-8500 CL7 Registered w/Parity 240-Pin DIMM Kit DESCRIPTION: ValueRAM's KVR1066D3Q8R7SK2/16GI is a kit of two 1Gb x 72-bit (8GB) DDR3-1066 CL7 SDRAM (Synchronous DRAM) registered w/parity, quad-rank memory modules, (Intel ® Compatibility Tested), based on thirty-six 256M x 8-bit DDR3-1066 FBGA components per module. Total kit capacity is 16GB. @@Each 240-pin DIMM uses gold contact fingers and requires +1.5V. @@@@VALUERAM0939-001.A00 Page 2 .



[You're reading an excerpt. Click here to read official KINGSTON KVR1066D3Q8R7SK2-16GI user guide](#)
<http://yourpdfguides.com/dref/3333239>