

ME-K4R16C11L

Kingston ValueRam 4Gb DDR3L-1600 CL11 1.35v/1.5v dual voltage Server Memory Module

Product Overview

Kingston ValueRam KVR16LR11S8/4i, ecc-Register with parity, ddr3L-1600 CL11, Single rank x8, 4Gb, Intel validated, 1.35v/1.5v dual voltage - 240pin, with thermal sensor



Specifications

Overview:

This document describes ValueRAM's 512M x 72-bit (4GB)DDR3L-1600 CL11 SDRAM (Synchronous DRAM), low voltage,registered w/parity, 1Rx8 ECC, memory module, based on nine512M x 8-bit FBGA components. The SPD is programmed toJEDEC standard latency DDR3-1600 timing of 11-11-11 at1.35V and 1.5V. This 240-pin DIMM uses gold contact fingers.

Features:

- JEDEC standard 1.35V (1.28V ~ 1.45V) and 1.5V (1.425V ~1.575V) Power Supply
- VDDQ = 1.35V (1.28V ~ 1.45V) and 1.5V (1.425V ~ 1.575V)
- 800MHz fCK for 1600Mb/sec/pin
- 8 independent internal bank
- Programmable CAS Latency: 11, 10, 9, 8, 7, 6
- Programmable Additive Latency: 0, CL - 2, or CL - 1 clock
- 8-bit pre-fetch
- Burst Length: 8 (Interleave without any limit, sequential withstarting address "000" only), 4 with tCCD = 4 which does notallow seamless read or write [either on the fly using A12 orMRS]
- Bi-directional Differential Data Strobe
- Internal(self) calibration : Internal self calibration through ZQpin (RZQ : 240 ohm +/- 1%)
- On Die Termination using ODT pin
- On-DIMM thermal sensor (Grade B)
- Average Refresh Period 7.8us at lower than TCASE 85 degreesC,3.9us at 85 degreesC < TCASE < 95 degreesC
- Asynchronous Reset
- PCB: Height 1.180" (30.00mm), double sided component

Specifications:

ComX Computers

Product Specification Sheet

CL(IDD)	11 cycles
Row Cycle Time (tRCmin)	48.125ns (min.)
Refresh to Active/Refresh Command Time (tRFCmin)	260ns (min.)
Row Active Time (tRASmin)	35ns (min.)
Maximum Operating Power	(1.35V) = 2.449 W
	(1.50V) = 2.814 W
UL Rating	94 V - 0

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/ME-K4R16C11L-Kingston-ValueRam-4Gb-DDR3L-1600-CL11-Buy-p-117053.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-15 16:59:14.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.