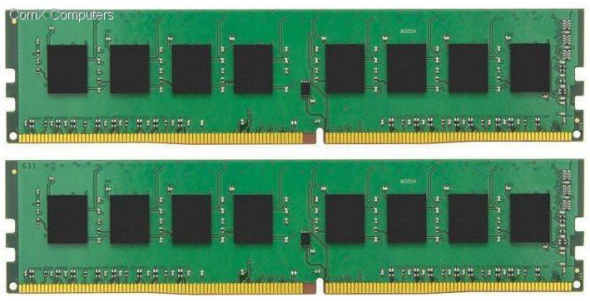
ComX Computers
Product Specification Sheet

ME-KD4E4V21x2i

Kingston Valueram (Intel validated) 8Gb(4Gb x2) Ecc DDR4-2133 (pc4-17000) CL15 1.2V Server Memory Module

Product Overview

Kingston KVR21E15S8K2/8i Valueram, Ecc DDR4-2133 (pc4-17000), 8Gb(4Gb x2) kit, Intel validated, Single rank x8, CL15 - 288pin, 17Gb/sec memory bandwidth, 1.2V - Retail pack



Specifications

Overview:

This document describes ValueRAM's KVR21E15S8K2/8I is a kit of two 512M x 72-bit (4GB) DDR4-2133 CL15 SDRAM (Synchronous DRAM), 1Rx8, ECC, Intel® Compatibility Tested, memory module, based on nine 512M x 8-bit FBGA components. Total kit capacity is 8GB. The SPD is programmed to JEDEC standard latency DDR4-2133 timing of 15-15-15 at 1.2V. Each 288-pin DIMM uses gold contact fingers.

Features:

- Power Supply: VDD=1.2V Typical
- VDDQ = 1.2V Typical
- VPP - 2.5V Typical
- VDDSPD=2.2V to 3.6V
- Nominal and dynamic on-die termination (ODT) for data, strobe, and mask signals
- Low-power auto self refresh (LPASR)
- Data bus inversion (DBI) for data bus
- On-die VREFDQ generation and calibration
- Dual-rank
- On-board I2 serial presence-detect (SPD) EEPROM
- Temperature sensor with integrated SPD
- 16 internal banks; 4 groups of 4 banks each
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
- Selectable BC4 or BL8 on-the-fly (OTF)
- Fly-by topology
- Terminated control command and address bus

- PCB: Height 1.23" (31.25mm)
- RoHS Compliant and Halogen-Free

Specifications:

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Specifications	
Product Code	ME-KD4E4V21x2i
CL(IDD)	15 cycles
Row Cycle Time (tRCmin)	46.5ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	260ns(min.)
Row Active Time (tRASmin)	33ns(min.)
Maximum Operating Power	TBD 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.co.za/ME-KD4E4V21x2i-Kingston-Valueram-Intel-validated-8Gb-4Gb-x2-Ecc-DDR4-2133-pc4-17000-p-148233.php

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