memory express
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Memory Express Ltd
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Kingston ValueRAM 2GB (1x2GB) DDR3 133MHz ECC 240-pin DIMM Memory Module with Thermal Sensor Single Rank Server Elpida C



ValueRAM's 256M x 72-bit (2GB) DDR3-1333 CL9 SDRAM (Synchronous DRAM), 1Rx8, ECC memory module, based on nine 256M x 8-bit DDR3-1333 FBGA components. The SPD is programmed to JEDEC standard latency DDR3-1333 timing of 9-9-9. This 240-pin DIMM uses gold contact fingers.

Warranty	Limited
Memory Size	2048MB (1 module(s) x 2048MB)
Memory Type	DDR3
Memory Speed	1333MHz
Memory Package	DIMM
Pin Configuration	240 pins
Bus I/O Configuration	Unbuffered
Error Correction	ECC

Features

* JEDEC standard 1.5V (1.425V ~ 1.575V) Power Supply

* VDDQ = 1.5V (1.425V ~ 1.575V)

* 667MHz fCK for 1333Mb/sec/pin

* 8 independent internal bank

* Programmable CAS Latency: 9, 8, 7, 6

* Programmable Additive Latency: 0, CL - 2, or CL - 1 clock

* Programmable CAS Write Latency(CWL) = 7 (DDR3-1333)

* 8-bit pre-fetch

* Burst Length: 8 (Interleave without any limit, sequential with starting address 000 only), 4 with tCCD = 4 which does not allow seamless read or write [either on the fly using A12 or MRS]

* Bi-directional Differential Data Strobe

* Thermal Sensor Grade B

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* Internal(self) calibration : Internal self calibration through ZQ pin (RZQ : 240 ohm - 1%)

* On Die Termination using ODT pin

* Average Refresh Period 7.8us at lower than TCASE 85 C, 3.9us at 85 C < TCASE < 95

* Asynchronous Reset

* PCB: Height 1.18 inch (30mm), double sided component

Specification

General

ValueRAM's 256M x 72-bit (2GB) DDR3-1333 CL9 SDRAM (Synchronous DRAM), 1Rx8, ECC memory module, based on nine 256M x 8-bit DDR3-1333 FBGA components. The SPD is programmed to JEDEC standard latency DDR3-1333 timing of 9-9-9. This 240-pin DIMM uses gold contact fingers.

Warranty	Limited

Memory

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Memory Type	DDR3
Memory Speed	1333MHz
Memory Package	DIMM
Pin Configuration	240 pins
Bus I/O Configuration	Unbuffered
Error Correction	ECC
CAS Latency	CL9
Connector Material	Gold
Module Configuration	256M x 72

Electrical

Voltage	1.5V

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Environmental

Operating Temperature	0 to 85C
Non Operating Temperature	-55 to +100C

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No Image Available

Kingston TECHNOLOGY

About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?