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Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM

CT2KIT25664AA800

- **Brand:** Crucial
- **Form Factor:** UDIMM
- **Total Capacity:** 4GB kit (2GBx2)
- **Warranty:** Limited Lifetime
- **Specs:** DDR2 PC2-6400 • CL=6 • Unbuffered • NON-ECC • DDR2-800 • 1.8V • 256Meg x 64
- **Series:** Crucial

view all product details

★★★★★ 684 reviews

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product information

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Series	Crucial
ECC	NON-ECC
Kit Qty	2

Product Specifications

Speed	1066 MT/S
Tracer	False
Voltage	1.8V
DIMM Type	Unbuffered
Bullet Features	Increases system performance

More information

DIMM de 240 pines

Un módulo de memoria dual en línea (DIMM) cuenta con varios componentes de memoria (generalmente negros) conectados a una tarjeta de circuito impreso (generalmente verde). Los pines dorados de la parte inferior del DIMM permiten conectar el módulo y un receptáculo en una tarjeta de circuito impreso mayor. Los pines de la parte frontal y posterior de un DIMM no están conectados.
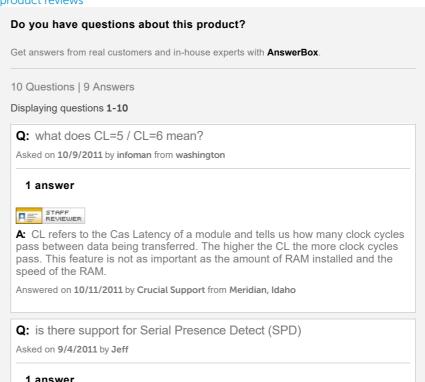
Los DIMM de 240 pines se utilizan para proporcionar memoria DDR2 SDRAM a ordenadores de escritorio. DDR2 es la última generación de memoria con una arquitectura más avanzada que le permite transmitir datos muy rápidamente.

Cada DIMM de 240 pines proporciona una ruta de datos de 64 bits (72 bits para ECC o módulos registrados o en búfer completo). (Las memorias Ballistix™ y Ballistix Tracer™ de alto rendimiento no vienen en módulos de 72 bits o registrados).

Para utilizar la memoria DDR2, la placa base del sistema debe tener ranuras DIMM de 240 pines y un conjunto de chips compatible con DDR2. Un DIMM DDR2 SDRAM no encaja en un receptáculo DIMM SDRAM estándar o un receptáculo DIMM DDR.

La cantidad de componentes negros de un DIMM de 240 pines puede variar, pero siempre tiene 120 pines en la parte frontal y 120 pines en la parte posterior, para un total de 240. Los DIMM de 240 pines miden aproximadamente 5,25 pulgadas de largo y 1,18 pulgadas de alto, aunque la altura puede variar. Mientras que los DIMM DDR2 de 240 pines, los DIMM DDR de 184 pines y los DIMM de 168 pines tienen aproximadamente el mismo tamaño, los DIMM de 240 pines y los DIMM de 184 pines tienen solo una muesca en la fila de pines. La muesca en un DIMM DDR2 de 240 pines está más cerca del centro del módulo.

product reviews

Do you have questions about this product?

Get answers from real customers and in-house experts with **AnswerBox**.

10 Questions | 9 Answers

Displaying questions **1-10**

Q: what does CL=5 / CL=6 mean?

Asked on **10/9/2011** by **infoman** from **washington**

1 answer

STAFF REVIEWER

A: CL refers to the Cas Latency of a module and tells us how many clock cycles pass between data being transferred. The higher the CL the more clock cycles pass. This feature is not as important as the amount of RAM installed and the speed of the RAM.

Answered on **10/11/2011** by **Crucial Support** from **Meridian, Idaho**

Q: is there support for Serial Presence Detect (SPD)

Asked on **9/4/2011** by **Jeff**

1 answer

A: Serial Presence Detect (SPD) is a memory hardware feature that makes it possible for the computer to know what memory is present, and what timings to use to access the memory.

In order for a memory module to support SPD, the JEDEC standards require certain parameters to be placed in the lower 128 bytes of an EEPROM located on the memory module (the SPD chip). These bytes contain timing parameters, manufacturer, serial number and other useful information about the module. The BIOS uses this information to determine what speed and timings to run the memory at. It is also possible to enter the BIOS and manually improve these speeds and timings, this is called overclocking.
As the memory modules may not support tighter timings, overclocking can lead to crashes and system failure. It can also reduce the lifetime of the modules as they often run at higher voltages and therefore higher temperatures than they were designed for.

Answered on **9/5/2011** by **Crucial Support** from **Meridian, Idaho**

Q: does this memory module support serial presence detect (SPD)data structure?

Asked on **8/4/2011** by **neal** from **houston, tx**

0 answers

Q: What is the difference between DDR2 PC2-6400 and DDR2 PC2-8500 memory modules?

Asked on **8/3/2011** by **Anonymous**

1 answer

A: PC2-8500 RAM is simply the faster of the two speeds

Answered on **8/4/2011** by **Crucial Support** from **Meridian, Idaho**

Q: my emachine EL1300G-01W has only one slot for RAM. If I buy this 4GB kit will I pull out the 2gb card and put in this new card?

Asked on **7/6/2011** by **MIke** from **Portland Oregon**

1 answer

A: This system should have 2 memory slots according to our records. If however you only have one slot then you would need to purchase a single 2GB module instead of a kit as this comprises of two modules.
If you need any more assistance then please call our technical support team:
http://www.crucial.com/contact/

Answered on **7/7/2011** by **Crucial Support** from **Meridian, Idaho**

Q: Hi,

Is this compatible with Dell Optiplex
This looks like having the exact same spec.

Thank you.

Asked on **7/2/2011** by **holala** from **WA**

1 answer

A: Yes, this memory kit will be fully compatible with the Optiplex 740.

Answered on **7/4/2011** by **Crucial Support** from **Meridian, Idaho**

Q: Hi my board supports both pc2-6400 and pc2-5300 , what is the difference between the speed ? reliability ? overclocking ? I havent been keeping up with all the newer technology , and doubt I would overclock anyways . I do want the highest speed and reliability and any help would be appreciated , thanks .

Asked on **6/11/2011** by **Simz49** from **Port Richey , FL**

1 answer

A: The difference is in the frequency. PC2-6400 runs at 800MHz and PC2-5300 runs at 667MHz. Both speeds are compatible with your motherboard.

Answered on **6/17/2011** by **Crucial Support** from **Meridian, Idaho**

Q: can i use this memory type for my Dell Dimension 8250 desktop?

Asked on **6/10/2011** by **sang** from **anaheim, california, us**

1 answer

STAFF REVIEWER

A: No, unfortunately not. Your computer uses RDRAM, also known as Rambus(R) memory, on 184-pin RIMMs. Unfortunately, Crucial does not carry RDRAM. For further information on Rambus(R) RDRAM, please visit our FAQs at http://www.crucial.com/kb/answer.aspx?qid=3531

Answered on **6/16/2011** by **Crucial Support** from **Meridian, Idaho**

Q: who manufactures this product? what series? what model? and Type?

Asked on **4/22/2011** by **Anonymous**

1 answer

STAFF REVIEWER

A: Crucial is the manufacturer of our product. Below is a link with the compatible memory for your system.
http://www.crucial.com/store/listparts.asp?model=OptiPlex+755+Series+(Desktop+Mini-Tower+and+Small+Form+Factor)

Answered on **5/3/2011** by **Crucial Support** from **Meridian, Idaho**

Q: If I want to replace a defective memory card and upgrade should I buy 2 of these sets so I'm replacing all 4 cards at once? For the price that seems to be the way to go.

Asked on **4/14/2011** by **Bob** from **Cedarburg, WI**

1 answer

STAFF REVIEWER

A: For best performance, you do want to install in matched pairs. If you are wanting to max the system memory, and run at best performance for your RAM, installing two of these kits would be the best way to go.

Answered on **4/22/2011** by **Crucial Support** from **Meridian, Idaho**

Displaying questions **1-10**

Do you have a question about this product?

REVIEW SNAPSHOT® by PowerReviews

★★★★★ 4.8 (based on 684 reviews)

98% of respondents would recommend this to a friend.

PROS	CONS	BEST USES
Reliable (386)	No instructions included (25)	Increased performance (455)
Increases speed (345)	Difficult to install (10)	Multiple desktop applications (306)
Fast (336)	No increase in speed (9)	Multimedia (149)
Large capacity (165)		
Easy to install (161)		

REVIEWER PROFILE: Casual user (318), Power user (298)

PRIMARY USE: Personal (467), Business (152)

WAS THIS A GIFT?: No (11)

▸ **Write a Review**

Most Liked Positive Review

★★★★★

A very worthwhile upgrade for your Dell

[...]! Fantastic service. This extra ram has given my machine the extra boost I was hoping for. It now multitasks better, renders photos faster in photo editing software and also encodes ...

Read complete review

VS

Most Liked Negative Review

★★★☆☆

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I liked how Crucial discovered what type of memory my computer had however, I ended up not using the memory that came with my original PC because it didn't support different parities.

Reviewed by 684 customers

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By **HarrySp**
from **Seattle, Wa.**

✔ VERIFIED REVIEWER

★★★★★ **5.0** **Perfect Upgrade for an old AMD AM2 Dual-Core motherboard.**

6/25/2018

PROS	CONS	BEST USES

Comments about *Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM*:

I had received an older eMachines PC with a working CPU/Motherboard/RAM set, but with very little RAM installed. I bought this RAM Kit of 2 sticks to upgrade it in hopes of making it a little bit faster and do less swapping and paging to disk. The RAM was 100% compatible and it did provide more main memory.

WAS THIS A GIFT?: No

BOTTOM LINE Yes, I would recommend this to a friend

Was this review helpful? Yes / No - You may also flag this review

---

By **IT husband**
from **Sequim, WA**

★★★★★ **5.0** **Great product from Crucial and I recommend it and them!**

6/19/2018

PROS	CONS	BEST USES

Comments about *Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM*:

Upgraded memory in Dell Inspiron 530a. Easy to find/select and buy on their website. Much more specific search on their site. Had an "talk" with a "Crucial person" to be sure I was buying the correct memory and he assured me I was but also told me about their return policy.

WAS THIS A GIFT?: No

BOTTOM LINE Yes, I would recommend this to a friend

Was this review helpful? Yes / No - You may also flag this review

---

By **Bob**
from **Wisconsin**

★★★★★ `5.0` I would buy memory for my PC.

4/17/2018

PROS   CONS   BEST USES

Comments about *Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM*:

I went from 4GB to 8GB and I am happy.

WAS THIS A GIFT?:   No

BOTTOM LINE Yes, I would recommend this to a friend

Was this review helpful? Yes / No - You may also flag this review

---

By **mike**
from **christchurch new zealand**

VERIFIED REVIEWER

★★★★☆ `4.0` Would buy again

3/20/2018

PROS   CONS   BEST USES

Comments about *Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM*:

4 GB was the maximum my computer would take, made a huge difference, well worth doing

WAS THIS A GIFT?:   No

Was this review helpful? Yes / No - You may also flag this review

---

By **Data Czar**
from **Indiana**

★★★★★ `5.0` As advertised

2/5/2018

PROS   CONS   BEST USES

Comments about *Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM*:

got exactly what i ordered

WAS THIS A GIFT?:   No

BOTTOM LINE Yes, I would recommend this to a friend

Was this review helpful? Yes / No - You may also flag this review

---

By **Cutmaster Cliff**
from **Baltimore,Md.**

★★★★★ `5.0` Just what i needed...More Memory ! WORKING GREAT

12/5/2017

About Me **Power user**

PROS	CONS	BEST USES
Reliable Performance		Multiple desktop applications

Comments about *Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM*:

Audio Production

PRIMARY USE: Personal

BOTTOM LINE Yes, I would recommend this to a friend

Was this review helpful? Yes / No *- You may also* flag this review

---

By **Simi**

from **Russellville , Arkansas**

About Me **Casual User**

★★★★★ **5.0** Great product , would purchase again

11/5/2017

PROS	CONS	BEST USES
Fast		Gaming
Increases Speed		Increased Performance
Large Capacity		Multiple desktop applications
Reliable Performance		

Comments about *Crucial 4GB Kit (2 x 2GB) DDR2-800 UDIMM*:

Extra memory

PRIMARY USE: Personal

BOTTOM LINE Yes, I would recommend this to a friend

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---

By **bestdamncab**

from **Walnut Creek, Ca.**

About Me **Casual User**

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9/9/2017

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By **formerly_big_fat_hus...** from **Hackensack, NJ**

About Me **Power user**

★★★★★ **5.0** Worthwhile Memory Upgrade

3/4/2017

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3/20/2018

VERIFIED REVIEWER

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