

4GB DDR3 PC3- 12800 Unbuffered NON-ECC 1.5V 512Meg x 64

CT51264BA160BJ

• Brand: Crucial

• Form Factor: UDIMM

• Capacity: 4GB

• Warranty: Limited Lifetime

• Specs: DDR3 PC3-12800 • CL=11 • Unbuffered • NON-ECC • DDR3-1600 • 1.5V • 512Meg x 64 •

• Series: Crucial

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★★★★★ 7 reviews

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100% compatible

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laptop install

DRAM installation guide for desktop and laptop

DRAM limited lifetime warranty

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product information

Brand

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Series

Crucial

ECC

NON-ECC

Kit Qty

1

Speed

1600 MT/S

Tracer

False

Voltage

1.5V

DIMM Type

Unbuffered

Bullet Features

Increases system performance

More information

DDR3 240-pin DIMM

Approximately 5.25 in. by 1.18 in. (133.35 mm by 30 mm)

Crucial 240-pin DIMMs are used in DDR3 memory for desktop computers. DDR3 is the latest generation of memory with an improved architecture that allows it to transmit data more quickly.

A dual inline memory module (DIMM) consists of a number of memory components (usually black) that are attached to a printed circuit board (usually green). The gold pins on the bottom of the DIMM provide a connection between the module and a socket on a larger printed circuit board. The pins on the front and back of a DIMM are not connected to each other.

Each 240-pin DIMM provides a 64-bit data path (72-bit for ECC or registered or Fully Buffered modules). (The Ballistix™ and Ballistix Tracer™ high-performance memory do not come in 72-bit or registered modules.) Standard DDR3 240-pin DIMMs are currently available in PC3-8500 (DDR3 1066MHz) and PC3-10600 (DDR3 1333MHz) speeds. Additional speeds will be added as the technology becomes available.

To use DDR3 memory, your system motherboard must have 240-pin DIMM slots and a DDR3-enabled chipset. This is because a DDR3 SDRAM DIMM will not fit into a standard DDR2 DIMM socket or a DDR DIMM socket.

The number of black components on a 240-pin DIMM can vary, but it always has 120 pins on the front and 120 pins on the back, for a total of 240. 240-pin DIMMs are approximately 5.25 inches long and 1.18 inches high, though the heights can vary. While 240-pin DDR3 DIMMS, 240-pin DDR2 DIMMs, 184-pin DDR DIMMs, and 168-pin DIMMs are approximately the same size, 240-pin DIMMs and 184-pin DIMMs have only one notch within the row of pins.

product reviews

REVIEW SNAPSHOT® by PowerReviews

★★★★★ 4.9 (based on 7 reviews)

100% of respondents would recommend this to a friend.

Write a Review

Reviewed by 7 customers

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By Keith JAW from Glasgow

★★★★★ 4.0

Prompt Efficient Service

8/23/2015

VERIFIED REVIEWER

PROS

CONS

BEST USES

Dealt With Problem

Initial Spec

Prompt delivery

Misleading

The initial indication as to which add-on memory best suited my computer was wrong. However, the return and replacement process was extremely efficient and painless.

BOTTOM LINE

Yes, I would recommend this to a friend

Was this review helpful?

Yes / No

You may also flag this review

By stuart from brighton

★★★★★ 5.0

Super really improved my system performance

8/23/2015

VERIFIED REVIEWER

PROS

CONS

BEST USES

Online Chat Was Very Easy

None really

Speed Up Performance

Liked how easy it was to install and the discount on the memory stick

Just completed this so I can hopefully get a discount code to buy more memory!

BOTTOM LINE

Yes, I would recommend this to a friend

Was this review helpful?

Yes / No

You may also flag this review

By Jimbo from Kilmarnock

★★★★★ 5.0

I would recommend this product

8/21/2015

PROS

CONS

BEST USES

Instant Speed Gain

No problems

Speed Gain

On my home computer with notable speed increase.

BOTTOM LINE

Yes, I would recommend this to a friend

Was this review helpful?

Yes / No

You may also flag this review

By Neef Jules from Antwerp

★★★★★ 5.0

Fair price for perfect product

8/11/2015

PROS

CONS

BEST USES

Fair Mailing Cost

Fair price

Works as expected

Be sure to check that your PC supports 4GB pro bank.

BOTTOM LINE

Yes, I would recommend this to a friend

Was this review helpful?

Yes / No

You may also flag this review

By NoNickname from London

★★★★★ 5.0

Easy to buy, easy to fit, improved performance

8/6/2015

PROS

CONS

BEST USES

Easy

Performance

Easy to use web site to find right product. Arrived quickly. Simple to fit. Improved performance of Dell PC.

BOTTOM LINE

Yes, I would recommend this to a friend

Was this review helpful?

Yes / No

You may also flag this review

By Benny from Falkland Islands

★★★★★ 5.0

Does what it says on the box

7/31/2015

VERIFIED REVIEWER

PROS

CONS

BEST USES

Compatibility

Nothing

Price

Does what it says on the tin ... and the scanner makes it so easy to get the right part from the choices available. Thought I had a dead PC, two new DDR3 modules and all is well again.

BOTTOM LINE

Yes, I would recommend this to a friend

Was this review helpful?

Yes / No

You may also flag this review

By Karl from Peterborough

★★★★★ 5.0

I would recommend this product

6/13/2015

Installed the RAM and it is working as expected

BOTTOM LINE

Yes, I would recommend this to a friend

Was this review helpful?

Yes / No

You may also flag this review

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