



## MSI N210-MD1GD3H/LP 1 GB GDDR3 Graphics Card Specifications And Datasheet

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**MSI N210-MD1GD3H/LP 1 GB GDDR3 Graphics Card**



## Description

A cost-effective graphics card for users looking for improved visual performance without breaking the bank is the MSI N210-MD1GD3H/LP. It strikes the perfect balance between price and graphics processing power with 1 GB of GDDR3 memory. It is appropriate for HTPCs and tiny form factor computers due to the low-profile design.

Since this graphics card is DirectX 10.1 compatible, a variety of programs and games will work with it. Sharp and bright graphics are delivered thanks to the HDMI output, which makes it simple to connect to high-definition screens. The card also promises low power consumption, making it both environmentally and energy-friendly.

You can anticipate more stability and durability with MSI's Solid Capacitor design. For those wishing to enhance their graphics performance on a budget without sacrificing quality or power efficiency, the N210-MD1GD3H/LP is a fantastic option.

## Specifications

- **Brand:** MSI
- **Model:** N210-MD1GD3H/LP
- **Graphics Processing Unit:** NVIDIA GeForce® 210
- **Interface:** PCI Express x16 2.0
- **Core Clocks:** 589
- **Memory Speed:** 1000
- **Memory Size:** 1024
- **Memory Type:** DDR3
- **Memory Bus:** 64 bits
- **HDCP Support:** Yes
- **Card Dimension (mm):** 1577035mm
- **DirectX Version Support:** 10.1
- **OpenGL Version Support:** 3.1
- **DVI Connectors:** 1
- **D-SUB Connectors:** 1

- **HDMI Connectors:** 1
- **RAMDAC speed (MHz):** 400

## Hardware Installation

- **Open Your Computer Case**

To access the interior, depending on your computer case, remove the side panel.

- **Identify the Appropriate PCIe Slot**

Find a PCIe (PCI Express) x16 slot on your motherboard where the graphics card can be installed. In general, it is longer than other spaces.

- **Prepare the Case Slot**

Remove any protective brackets or covers that may be on the case slot.

- **Ground Yourself**

To discharge any static electricity inside your computer casing, either use an anti-static wrist band or touch an unpainted metal surface.

- **Align and Insert the Graphics Card**

Make sure the PCIe connector is lined up while positioning the graphics card in the PCIe slot. The card should click into place with a light downward pressure. It ought to be kept in the slot by the PCIe lock.

- **Secure the Graphics Card**

Attach the graphics card to your computer case or the metal bracket that came with the case using the proper screws.

- **Connect Power**

Connect the proper PCIe power connectors from your power supply to the graphics card if it needs more power.

- **Reassemble Your Computer**

Reinstall the side panel of the computer case and secure it with any required screws.

- **Connect Cables**

Reconnect all of the cables, including the ones for your keyboard, mouse, and monitor.

- **Power On**

Reconnect the computer's power cord and turn it on.

- **Install Drivers**

From the MSI or NVIDIA websites, download and install the most recent graphics drivers for your MSI N210-MD1GD3H/LP graphics card.

- **Configure Display Settings**

To set up your monitor setup, access the display settings in your operating system.

## Features

1. **GPU Model**

Providing dependable performance for routine computer operations is NVIDIA GeForce 210.

2. **Memory**

To playback graphics and videos more fluidly, use 1 GB of GDDR3 video memory.

3. **Low Profile Design**

It is compatible with compact form factor and slim PCs, making it adaptable for different system builds.

#### 4. **HDMI Output**

Connects to current HD screens for high-definition visuals.

#### 5. **Passive Cooling**

No additional power connector is required for the cooling system's energy-efficient and silent operation.

#### 6. **DirectX 10.1 Support**

Compatibility with earlier apps and games that use DirectX.

#### 7. **Dual-Link DVI-I**

Able to power displays with high resolution.

#### 8. **MSI Afterburner Support**

A tool for overclocking to optimize performance.

#### 9. **NVIDIA CUDA and PhysX**

Enhances gaming and multimedia experiences.

#### 10. **Low Power Consumption**

Designed with less heat output and more energy efficiency.

### **Trademarks**

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### **FAQs**

What is the MSI N210-MD1GD3H/LP Graphics Card?

The MSI N210-MD1GD3H/LP is a graphics card designed to enhance the graphics performance of a computer. It's equipped with 1 GB of GDDR3 memory and is suitable for various computing tasks.

What is the memory capacity of this graphics card?

The graphics card typically comes with 1 GB of GDDR3 memory, which is sufficient for general computing and light gaming.

Is this graphics card suitable for gaming?

While the MSI N210-MD1GD3H/LP can handle some older and less demanding games, it's not designed for modern, high-end gaming. It's better suited for basic computing tasks.

What interface does the graphics card use?

The graphics card often uses a PCI Express x16 interface, which is common for connecting to a computer's motherboard.

Does the card support multiple monitors (multi-display)?

Yes, the MSI N210-MD1GD3H/LP graphics card typically supports multiple monitors and can be used for multi-display setups.

Is the graphics card compatible with DirectX 11?

Yes, the card often supports DirectX 11, which is essential for running many modern applications and games.

Does the graphics card require external power connectors?

No, the card is often designed to draw power from the PCI Express slot and doesn't require external power connectors, making installation simpler.

What types of video outputs are available on the graphics card?

The MSI N210-MD1GD3H/LP typically includes common video outputs like DVI and VGA, allowing you to connect to various types of displays.

Is this graphics card compatible with low-profile cases?

Yes, the card is often low-profile (LP) and can be used in compact cases with limited space.

What is the warranty for the MSI N210-MD1GD3H/LP graphics card?

The MSI N210-MD1GD3H/LP Graphics Card typically comes with a warranty of 3 years from the date of purchase.

Can I use this graphics card for video editing or content creation?

While the card isn't designed for professional video editing, it can handle basic video editing and content creation tasks with software that has modest system requirements.

Is the graphics card energy-efficient?

Yes, the MSI N210-MD1GD3H/LP graphics card is typically designed to be energy-efficient, helping reduce power consumption during operation.

**References:** [MSI N210-MD1GD3H/LP 1 GB GDDR3 Graphics Card – Device.report](#)