

# eMachines G620/G420 Series

## Quick Guide

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eMachines G620/G420 Series Quick Guide  
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Record the model number, serial number, purchase date and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number and purchase information.

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eMachines G620/G420 Series Notebook PC

Model number: \_\_\_\_\_

Serial number: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

Place of purchase: \_\_\_\_\_

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# First things first

We would like to thank you for making an eMachines notebook your choice for meeting your mobile computing needs.

## Your guides

To help you use your eMachines notebook, we have designed a set of guides:

First off, the **Just for Starters...** poster helps you get started with setting up your computer.

The **eMachines Generic User Guide** contains useful information applying to all models in the eMachines product series. It covers basic topics such as eMachines Recovery Management, using the keyboard, audio, etc. Please understand that due to its nature, the **Generic User Guide** as well as the **eMachinesSystem User Guide** mentioned below will occasionally refer to functions or features which are only contained in certain models of the series, but not necessarily in the model you purchased. Such instances are marked in the text with language such as "only for certain models".

The **Quick Guide** introduces you to the basic features and functions of your new computer. For more on how your computer can help you to be more productive, please refer to the **eMachinesSystem User Guide**. This guide contains detailed information on such subjects as system utilities, data recovery, expansion options and troubleshooting. In addition it contains warranty information and the general regulations and safety notices for your notebook. It is available in Portable Document Format (PDF) and comes preloaded on your notebook. Follow these steps to access it:

- 1 Click on  **Start, All Programs, eMachinesSystem**.
- 2 Click on **eMachinesSystem User Guide**.



**Note:** Viewing the file requires Adobe Reader. If Adobe Reader is not installed on your computer, clicking on **eMachinesSystem User Guide** will run the Adobe Reader setup program first. Follow the instructions on the screen to complete the installation. For instructions on how to use Adobe Reader, access the **Help and Support** menu.

# Your eMachines notebook tour

After setting up your computer as illustrated in the **Just for Starters...** poster, let us show you around your new eMachines notebook.

## Top view



| # | Icon | Item              | Description                                                   |
|---|------|-------------------|---------------------------------------------------------------|
| 1 |      | Integrated webcam | Web camera for video communication. (only for certain models) |

| #  | Icon                                                                                | Item                                        | Description                                                                                                                                                                            |
|----|-------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2  |    | Microphone                                  | Internal microphone for sound recording.                                                                                                                                               |
| 3  |                                                                                     | Display screen                              | Also called Liquid-Crystal Display (LCD), displays computer output.                                                                                                                    |
| 4  |    | Power button                                | Turns the computer on and off.                                                                                                                                                         |
| 5  |                                                                                     | Palmrest                                    | Comfortable support area for your hands when you use the computer.                                                                                                                     |
| 6  |    | Power <sup>1</sup>                          | Indicates the computer's power status.                                                                                                                                                 |
|    |    | Battery <sup>1</sup>                        | Indicates the computer's battery status.<br><b>1. Charging:</b> The light shows amber when the battery is charging.<br><b>2. Fully charged:</b> The light shows green when in AC mode. |
| 7  |                                                                                     | Click buttons (left and right)              | The left and right buttons function like the left and right mouse buttons.                                                                                                             |
| 8  |                                                                                     | Touchpad                                    | Touch-sensitive pointing device which functions like a computer mouse.                                                                                                                 |
| 9  |                                                                                     | Keyboard                                    | For entering data into your computer.                                                                                                                                                  |
| 10 |                                                                                     | Speakers                                    | Left and right speakers deliver stereo audio output.                                                                                                                                   |
| 11 |    | Wireless LAN communication button/indicator | Enables/disables the wireless LAN function. Indicates the status of wireless LAN communication.                                                                                        |
| 12 |   | HDD                                         | Indicates when the hard disk drive is active.                                                                                                                                          |
|    |  | Caps Lock                                   | Lights up when Caps Lock is activated.                                                                                                                                                 |
|    |  | Num Lock                                    | Lights up when Num Lock is activated.                                                                                                                                                  |

1. The front panel indicators are visible even when the computer cover is closed up.

# Closed front view



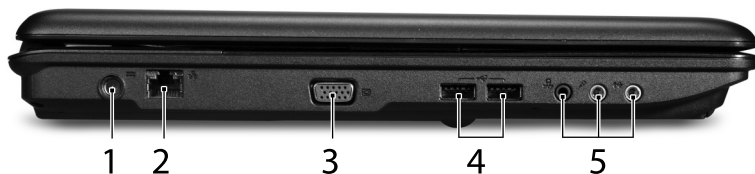
| # | Item  | Description                 |
|---|-------|-----------------------------|
| 1 | Latch | Locks and releases the lid. |

# Rear view



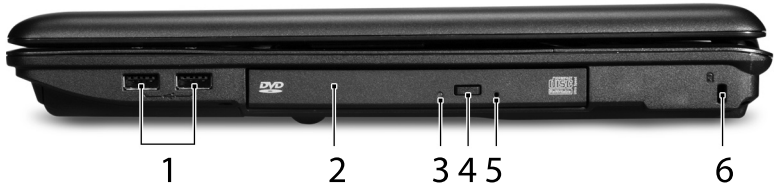
| # | Item              | Description                                                 |
|---|-------------------|-------------------------------------------------------------|
| 1 | Ventilation slots | Enable the computer to stay cool, even after prolonged use. |

## Left view

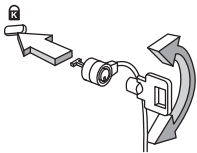


| # | Icon                                                                              | Item                                                 | Description                                                                       |
|---|-----------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1 |  | DC-in jack                                           | Connects to an AC adapter.                                                        |
| 2 |  | Ethernet (RJ-45) port                                | Connects to an Ethernet 10/100-based network.                                     |
| 3 |  | External display (VGA) port                          | Connects to a display device (e.g., external monitor, LCD projector).             |
| 4 |  | USB 2.0 port                                         | Connect to USB 2.0 devices (e.g., USB mouse, USB camera).                         |
| 5 |  | Headphones/speaker/line-out jack with S/PDIF support | Connects to audio line-out devices (e.g., speakers, headphones).                  |
|   |  | Microphone-in jack                                   | Accepts inputs from external microphones.                                         |
|   |  | Line-in jack                                         | Accepts audio line-in devices (e.g., audio CD player, stereo walkman, mp3 player) |

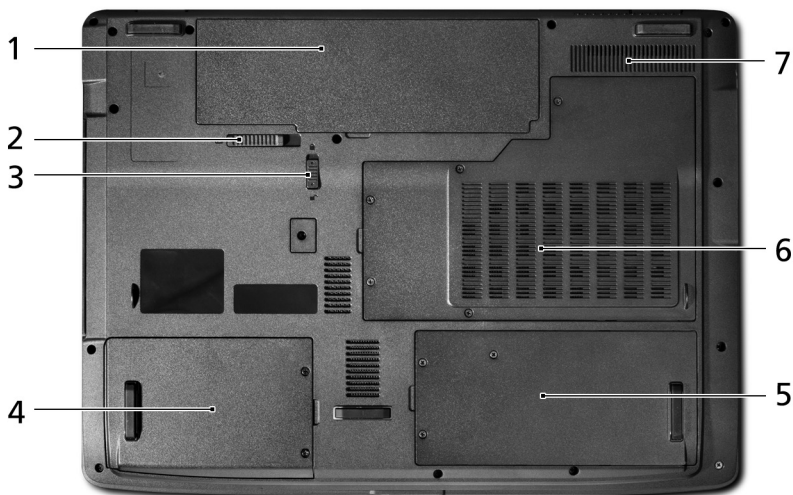
## Right view



| # | Icon                                                                              | Item                          | Description                                                                                                                                                                                                                                                                                            |
|---|-----------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 |  | USB 2.0 port                  | Connects to USB 2.0 devices (e.g., USB mouse, USB camera).                                                                                                                                                                                                                                             |
| 2 |                                                                                   | Optical drive                 | Internal optical drive; accepts CDs or DVDs.                                                                                                                                                                                                                                                           |
| 3 |                                                                                   | Optical disk access indicator | Lights up when the optical drive is active.                                                                                                                                                                                                                                                            |
| 4 |                                                                                   | Optical drive eject button    | Ejects the optical disk from the drive.                                                                                                                                                                                                                                                                |
| 5 |                                                                                   | Emergency eject hole          | Ejects the optical drive tray when the computer is turned off.<br><b>Note:</b> Insert a paper clip to the emergency eject hole to eject the optical drive tray when the computer is off.                                                                                                               |
| 6 |  | Kensington lock slot          | Connects to a Kensington-compatible computer security lock.<br><b>Note:</b> Wrap the computer security lock cable around an immovable object such as a table or handle of a locked drawer. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available. |



## Base view



| # | Icon                                                                                | Item                              | Description                                                                                                                  |
|---|-------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1 |    | Battery bay                       | Houses the computer's battery pack.                                                                                          |
| 2 |    | Battery release latch             | Releases the battery for removal.                                                                                            |
| 3 |   | Battery lock                      | Locks the battery in position.                                                                                               |
| 4 |  | Hard disk bay-Main                | Houses the computer's hard disk (secured with screws).                                                                       |
| 5 |  | Hard disk bay-Secondary           | Houses the computer's hard disk (secured with screws) (for certain models only).                                             |
| 6 |  | Memory compartment                | Houses the computer's main memory.                                                                                           |
| 7 |                                                                                     | Ventilation slots and cooling fan | Enable the computer to stay cool, even after prolonged use.<br><b>Note:</b> Do not cover or obstruct the opening of the fan. |

# Specifications

|                           |                                                                                                                                                                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system          | <ul style="list-style-type: none"> <li>Genuine Windows Vista®</li> </ul>                                                                                                                                                                                                                          |
| Platform                  | <ul style="list-style-type: none"> <li>AMD Better By Design program, featuring:               <ul style="list-style-type: none"> <li>AMD Athlon™ X2 dual-core processor*</li> <li>Mobile AMD Sempron™ processor*</li> <li>NVIDIA® GeForce® 9100M G</li> <li>IEEE 802.11b/g</li> </ul> </li> </ul> |
| System memory             | <ul style="list-style-type: none"> <li>Dual-channel support</li> <li>Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules</li> </ul>                                                                                                                                   |
| Display                   | <ul style="list-style-type: none"> <li>17" WXGA 1440 x 900</li> </ul>                                                                                                                                                                                                                             |
| Graphics                  | <ul style="list-style-type: none"> <li>NVIDIA® GeForce® 9100M G</li> </ul>                                                                                                                                                                                                                        |
| Storage subsystem         | <ul style="list-style-type: none"> <li>2.5" hard disk drive</li> <li>Optical drive option:               <ul style="list-style-type: none"> <li>DVD-Super Multi double-layer drive*</li> <li>DVD/CD-RW combo drive*</li> </ul> </li> </ul>                                                        |
| Audio                     | <ul style="list-style-type: none"> <li>Two built-in stereo speakers</li> <li>High-definition audio support</li> <li>MS-Sound compatible</li> <li>Built-in microphone</li> </ul>                                                                                                                   |
| Communication             | <ul style="list-style-type: none"> <li>Integrated webcam*</li> <li>WLAN: IEEE 802.11b/g</li> <li>LAN: Fast Ethernet; Wake-on-LAN ready</li> </ul>                                                                                                                                                 |
| Dimensions                | <ul style="list-style-type: none"> <li>404 (W) x 298 (D) x 38/43 (H) mm (15.9 x 11.7 x 1.5/1.7 inches)</li> <li>3.80 kg (8.37 lbs.) with 1 HDD and 6-cell battery pack</li> <li>3.90 kg (8.59 lbs.) with 2 HDDs and 8-cell battery pack</li> </ul>                                                |
| Privacy control           | <ul style="list-style-type: none"> <li>BIOS user, supervisor, HDD passwords</li> <li>Kensington lock slot</li> </ul>                                                                                                                                                                              |
| Power subsystem           | <ul style="list-style-type: none"> <li>ACPI 3.0</li> <li>44 W 4000 mAh</li> <li>3-pin 65 W AC adapter</li> </ul>                                                                                                                                                                                  |
| Special keys and controls | <ul style="list-style-type: none"> <li>105-/106-key keyboard</li> <li>Touchpad pointing device</li> </ul>                                                                                                                                                                                         |

|               |                                                                                                                                                                                                                                                                                                                                                |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O interface | <ul style="list-style-type: none"> <li>• USB 2.0 port</li> <li>• External display (VGA) port</li> <li>• Headphones/speaker/line-out jack with S/PDIF support</li> <li>• Microphone-in jack</li> <li>• Line-in jack</li> <li>• Ethernet (RJ-45) port</li> <li>• DC-in jack for AC adapter</li> </ul>                                            |
| Environment   | <ul style="list-style-type: none"> <li>• Temperature: <ul style="list-style-type: none"> <li>• Operating: 5 °C to 35 °C</li> <li>• Non-operating: -20 °C to 65 °C</li> </ul> </li> <li>• Humidity (non-condensing): <ul style="list-style-type: none"> <li>• Operating: 20% to 80%</li> <li>• Non-operating: 20% to 80%</li> </ul> </li> </ul> |



**Note:** \* Only for certain models.



**Note:** The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.