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# **Hardware Documentation Documentation**

*Release 0.1.0*

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November 30, 2013



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# General

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## 1.1 CPU

[www.cpubenchmark.net](http://www.cpubenchmark.net)

- Intel Pentium G2020 @ 2.90GHz: 2797
- Intel Pentium G645T @ 2.50GHz: 2496

## 1.2 Ram

Search for `crucial <model> ram upgrade` in Bing or Google. The Crucial website will tell you which ram modules are compatible with the model. e.g.:

`crucial m72e ram upgrade`





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# Dell Latitude E6400

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## 2.1 Graphics

- The driver comes with Windows 8 does not have 3D support so impressive does not work.

How To: Install “legacy” Intel HD Graphics drivers on Windows 8

- Mobile Intel(R) 4 Series Express Chipset Family
  - Download 15.17.19.64.2869 (11/16/2012) which contains 8.15.10.2869 (10/4/2012) from [https://downloadcenter.intel.com/Detail\\_Desc.aspx?agr=Y&DwnldID=22167&lang=eng&OSVersion=Windows%207%20\(bit\)\\*&DownloadType=Drivers \(Win7Vista\\_64\\_151719.exe\)](https://downloadcenter.intel.com/Detail_Desc.aspx?agr=Y&DwnldID=22167&lang=eng&OSVersion=Windows%207%20(bit)*&DownloadType=Drivers (Win7Vista_64_151719.exe))
  - It seems like zooming makes things slow

## 2.2 CPU Throttling

<http://www.xtremesystems.org/forums/showthread.php?240717-Dell-Latitude-E6500-E6400-ThrottleGate-Fix>

<http://www.fileden.com/files/2008/3/3/1794507/ThrottleStop.zip>



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# Logitech Webcams

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## 3.1 Chipmunk Sound in Google Voice

<http://forums.logitech.com/t5/Video-Chat-Applications-Non/Logitech-Webcam-Pro-9000-Microphone-producing-high-pitched-voice/td-p/428640>

Control Panel >Sound>Recording Tab> Highlight Microphone (Logitech Mic) > Click Properties > Advanced Tab In the Default Format box the scroll down menu has a default selection of 48k Hz. After I changed the selection to 16k Hz the problem went away.



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# Indices and tables

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- *genindex*
- *modindex*
- *search*