



WITH  
**VOODOODNA**

**Highlights:**

- Intel® Core™ 2 Quad Processor Q9450 pushes 3D gaming to quad-core speeds.<sup>(2)</sup>
- Genuine Windows Vista® Home Premium 64-bit edition with Service Pack 1 provides a stable, intuitive operating environment.<sup>(1a)</sup>
- NVIDIA nForce SLI motherboard with RAID support.
- Dual SLI NVIDIA GeForce 9800 GT graphics cards with support for Microsoft® DirectX 10 deliver ultra-realistic visual effects for ultimate gaming experiences.
- 4096MB Corsair Dominator overclockable system memory uses DHX technology for superb heat dissipation.<sup>(3)</sup>
- Slim Slot Super multi lightscribe driver<sup>(4)</sup>
- 500GB 7200rpm SATA hard drive.
- Five internal, hot-swappable hard drive bays enable future storage expansion.<sup>(4)</sup>
- Quiet, efficient heat management system uses separate thermal chambers, liquid cooling, and six-way airflow around the chassis.
- 7.1 onboard HD audio provides outstanding sound quality for total game immersion.
- A hidden panel conceals convenient USB, FireWire®, and audio ports as well as a 15-in-1 memory card reader.
- 900W power plant supplies ample energy for your high-performance hardware.
- Dedicated HP Blackbird toll-free phone support and a one-year HP Limited Warranty help ensure that your Blackbird PC lives up to your expectations.



HP recommends Windows Vista® Home Premium.

**Accept no limitations**

Visionary designers and engineers from HP and VoodooPC have revolutionized the high-performance desktop PC with the stunning new Blackbird 002. Its innovative design features isolated thermal chambers, a maintenance-free liquid cooling system, tool-free accessibility, and cable-free hard drive installation. From next-generation games to demanding professional applications, the Blackbird 002 is up for your extreme computing challenges.

**Form enhances function**

The Blackbird 002 changes the look and feel of the high-performance PC with a completely redesigned cast-aluminum chassis. Its attention-getting shape combines stylish sensibility and cool practicality. The aluminum chassis can take more punishment than plastic. Tool-free entry makes it upgrade-friendly. The main case hovers over a single cast-aluminum foot, for a gravity-defying aesthetic that also allows air to circulate under as well as around the PC. This isn't a PC to keep out of sight—you'll want it up on a pedestal.

**Feel the power**

The 900-watt power supply has more than enough juice for today's high-performance processors and graphics cards. Performance-tuned components provide exhilarating computing power, from the Intel Core 2 Quad processor and dual NVIDIA 9800GT graphics cards to Corsair Dominator memory and a completely customizable performance BIOS.

**Beat the heat**

Heat is the enemy of high-performance computing, and the Blackbird 002 is designed and built to overcome it. The three primary heat generators in a performance PC are the CPU, GPUs, and power supply—the Blackbird 002 isolates these heat sources in separate thermal chambers, so cooling air doesn't carry heat from one source to another. A revolutionary liquid cooling system disperses heat efficiently, effectively, and quietly. And because it's factory-sealed, the liquid cooling system is maintenance-free. Six-way airflow around the chassis contributes to the overall heat dispersion, and series of heat sinks and copper pipes also helps cool important internal components, such as the chipset.

**Embrace the change**

The Blackbird 002 is one of the most versatile and configurable PC in its class. Industry-standard components help minimize driver conflicts and enable easy modification. Tool-less entry provides easy access to system components, while simple locking clips hold components in place. Five internal, hot-swappable hard drive bays and multiple PCI slots offer ample opportunities for upgrades and expansion. This is a PC that's made to welcome change, so it can keep up with the cutting edge for years to come.

**Service and support**

HP stands behind our products and protects your investment with award-winning service and support available around the clock by phone and online.<sup>(10)</sup>

- HP offers Decicated Blackbird Support:
  - Weekdays - 7:00am to 9:00pm; Weekends - 9:00am to 9:00pm.
  - Telephone support at 1-877-776-4752 (1-877-PRO-HPLAB).



## Specifications

<b>Operating System</b>	<ul style="list-style-type: none"> <li>Genuine Windows Vista® Home Premium 64-bit edition with Service Pack 1 - delivers premier performance, reliability, and enhanced security<sup>(1)</sup></li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>Intel® Core2™ Quad-Core Q9450<sup>(2)</sup></li> </ul>
<b>Processor Speed</b>	<ul style="list-style-type: none"> <li>2.66GHz<sup>(2)</sup></li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>nVidia nForce 780i</li> </ul>
<b>Cache (L2)</b>	<ul style="list-style-type: none"> <li>12MB L2 Cache</li> </ul>
<b>Bus Speed</b>	<ul style="list-style-type: none"> <li>1333MHz Front Side Bus</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>4GB CORSAIR PC2-6400 DDR2 SDRAM</li> </ul>
<b>Hard Drive</b>	<ul style="list-style-type: none"> <li>500 GB SATA drive<sup>(4)</sup></li> </ul>
<b>Expandable Drive Bay</b>	<ul style="list-style-type: none"> <li>5 internal hot-swappable hard drive bays (4 available)</li> </ul>
<b>Optical Drive(s)</b>	<ul style="list-style-type: none"> <li>Slim Slot Super multi lightscribe driver<sup>(6)</sup></li> </ul>
<b>Video Graphics</b>	<ul style="list-style-type: none"> <li>Dual NVIDIA GeForce 9800GT<sup>(16)</sup></li> </ul>
<b>Network Interface</b>	<ul style="list-style-type: none"> <li>NVIDIA gigabit LAN (x2)</li> </ul>
<b>Sound</b>	<ul style="list-style-type: none"> <li>7.1 Onboard Realtek High Definition Audio</li> </ul>
<b>Memory Slots</b>	<ul style="list-style-type: none"> <li>4 DIMM (240-pin, DDR2) (Occupied)</li> </ul>
<b>Expansion Bays</b>	<ul style="list-style-type: none"> <li>1 external 5.25" (available)</li> <li>2 slim slot (one available)</li> </ul>
<b>External Ports</b>	<ul style="list-style-type: none"> <li>15-in-1 memory card reader: supports SmartMedia, xD, MultiMedia Card, Secure Digital (SD), Mini Secure Digital, Compact Flash I, Compact Flash II, IBM Microdrive, Memory Stick, Memory Stick Pro, Memory Stick Duo, Memory Stick Pro Duo, RSMMC, MMC Mobile, MMC+ (front)</li> <li>2 USB 2.0 ports (front)</li> <li>1 FireWire® (IEEE 1394) port(s) (front and back)</li> <li>1 Headphone and 1 Microphone jack ports (front)</li> <li>2 PS/2 (back)</li> <li>7.1 channel audio jacks (6 jacks + 1 S/PDIF output) (back)</li> <li>Digital Audio In/Out; Microphone/Line-in/Line-out; Rear speaker-out; Side speaker out; Center (subwoofer) (back)</li> <li>6 USB 2.0 ports (back)</li> <li>2 RJ 45 Gigabit Ethernet ports (back)</li> <li>4 DVI-I ports (2 on each NVidia 9800GT video card with dual SLI configuration - only one active when configured in Dual SLI) (back)</li> </ul>

<b>Mouse and Keyboard</b>	<ul style="list-style-type: none"> <li>Voodoo Razer DeathAdder Mouse</li> <li>Voodoo Razer Tarantula Keyboard</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>Unpackaged: 9.00" (W) x 22.00" (L/D) x 23.5" (H) approx.</li> <li>Packaged: 15.80" (W) x 29.00" (L/D) x 35.00" (H) approx.</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>Unpackaged: 72.00 lbs approx.</li> <li>Packaged: 88.6 lbs approx.</li> </ul>

## Software

<b>Photo and Video</b>	<ul style="list-style-type: none"> <li>Cyberlink PowerDirector</li> </ul>
<b>PC Security</b>	<ul style="list-style-type: none"> <li>Grisoft AVG Professional anti-virus (1 year subscription)</li> </ul>

## Additional information

<b>Product number</b>	<ul style="list-style-type: none"> <li>GM333AA#ABA</li> </ul>
<b>Ad embargo date</b>	<ul style="list-style-type: none"> <li>06/29/2008</li> </ul>
<b>UPC code</b>	<ul style="list-style-type: none"> <li>884420048503</li> </ul>
<b>Country of origin</b>	<ul style="list-style-type: none"> <li>Canada</li> </ul>
<b>Tariff number</b>	<ul style="list-style-type: none"> <li>8471500150</li> </ul>
<b>Pallet information</b>	<ul style="list-style-type: none"> <li>Dimensions: 40.00"(L) x 48.00"(W) x 88.60"(H/D) approx.</li> <li>Total weight: 320.00 LBS</li> <li>Layers: 1</li> <li>Products per layer: 3</li> <li>Total products per pallet: 3</li> </ul>

HP recommends Windows Vista® Home Premium.

Visit [www.hp.com](http://www.hp.com) for more details!

<sup>(1)</sup> Certain Windows Vista product features require advanced or additional hardware. See [www.microsoft.com/windowsvista/getready/hardwarereqs.mspx](http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx) and [www.microsoft.com/windowsvista/getready/capable.mspx](http://www.microsoft.com/windowsvista/getready/capable.mspx) for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit [www.windowsvista.com/upgradeadvisor](http://www.windowsvista.com/upgradeadvisor).

<sup>(2)</sup> Intel's numbering is not a measurement of higher performance. Dual/Quad Core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See [www.intel.com/info/em64t](http://www.intel.com/info/em64t) for more information. <sup>(3)</sup> Up to 256MB of main system memory may be allocated to support video graphics. <sup>(4)</sup> For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 10GB of storage space is reserved for the system recovery software. <sup>(6)</sup>

Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright-protected materials. Intended only for creation and storage of original material and other lawful uses. Double Layer is a new technology. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. LightScribe creates a grayscale image similar to black and white photography. LightScribe media required and sold separately. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media. Data transfer rates up to 6,000 KB/s (CD read/write) and 21,632 KB/s (DVD read/write). <sup>(16)</sup> Part of the total system memory (RAM) is used for graphics/video performance. System memory dedicated to graphics/video performance is not available for other use by other programs. <sup>(7)</sup> Users are solely responsible for any consequences that may result from overclocking their PCs. HP shall not be liable for improper settings of the clocking system by the user that would result in product damage or failure.

Actual product may vary from image shown on datasheet. ©2008 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change

without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. 05/23\_r2 nq

**Product Number: GM333AA#ABA**

