



# HP FIREBIRD

TECHNICAL SPECIFICATIONS

## OPERATING SYSTEM

- Genuine Windows Vista® Home Premium 64-bit with Service Pack 1

## MOTHERBOARD

- NVIDIA® nForce® 760S SLI MCP

## PROCESSORS

- Intel® Core™2 Quad Processor 2.66 GHz [Q9400]; 6 MB L2 cache; 1333 MHz FSB (802 model)
- Intel® Core™2 Quad Processor 2.83 GHz [Q9550]; 12 MB L2 cache; 1333 MHz FSB (803 model)
- Intel® Core™ Microarchitecture  
Energy efficient optimization

## MEMORY

- 4 GB PC2-6400/DDR2-800 MHz (2 x 2048 MB)
- Two DIMM slots supporting up to 8 GB of memory

## GRAPHICS

- Dual NVIDIA® GeForce® 9800S with 512 MB of GDDR3 in SLI configuration
- The NVIDIA® GeForce® 9M-series of small form factor graphic technologies provides NVIDIA's latest graphics technology in energy saving packages.  
HybridPower™ Technology  
NVIDIA® PureVideo® HD

## POWER SUPPLY

- External power adapter for improved thermal management  
350 watt external power adapter

## THERMAL MANAGEMENT

- Voodoo System Monitoring for thermal and acoustic management  
Factory sealed Liquid cooling for processor, graphics card and motherboards

## NETWORKING & WIRELESS

- 10/100/1000 Base-T (RJ45)
- WLAN 802.11 b/g/n with internal antenna (803 model only)
- Bluetooth™ with internal antenna (803 model only)

## AUDIO OPTIONS

- Realtek Onboard Audio to support high definition Audio 5.1
- Creative Audio Sound Blaster® X-Fi™ Mini-PCIe module (803 model only)

## AUDIO OUTPUT

- SPDIF out
- Stereo Microphone-in jack in
- Headphone/Line-out jack

## VIDEO OUTPUT

- HDMI
- Dual Link (DVI-I) supporting up to 2560 by 1600 pixels

## ADDITIONAL I/O

- DC in
- 6x USB 2.0
- 2x eSATA
- 1x FireWire® (IEEE 1394)

## EXPANSION

- ExpressCard™/54 external expansion slot
- 5-in-1 Digital Media Reader (SD, MMC, MS, MS-PRO, XD)
- 2 PCI-E x1 Mini Sockets slots (803 model has 1 slot occupied)
- 1 Mini-PCI socket for HP custom Audio card expansion (803 model only)

## KEYBOARD AND MOUSE

- HP wireless optical mouse
- HP low-profile wireless keyboard

## HARD DRIVES

- Two independent Serial ATA 2.5" hard drive bays with disk carriers.  
Non-OS disks are hot swappable.  
2x 250 GB 5400 rpm SATA (802 model)  
2x 320 GB 5400 rpm SATA (803 model)

## OPTICAL DRIVES

- Slim Slot-load SuperMulti DVD Burner (802 model only)
- Slim Slot-load Combination Blu-ray HD Player & SuperMulti DVD Burner (803 model only)

## SECURITY

- Grisoft AVG Professional (1 year base standard)

## MULTIMEDIA

- CyberLink Power2Go
- CyberLink DVD Play
- CyberLink PowerDirector (803 model only)

## CHASSIS

- All Aluminum chassis with easy access door
- Kensington® lock slot
- External top and bottom lighting with user settable colors
- Clear door and interior lighting with user settable colors (803 model only)

## DIMENSIONS

- Width: 7.5"
- Depth: 17.8"
- Height front & rear: 18.9"
- Weight: 24.4 lbs.

## ELECTRICAL & ENVIRONMENTAL REQUIREMENTS

- Line Voltage: 100-120V AC
- Frequency: 60Hz single phase
- Current: Maximum of 12A
- Operating Temperature: 50 deg. To 95 deg. F(10 to 35C)
- Relative Humidity: 5% to 95% non-condensing
- Maximum Altitude: 10,000 feet