

Innovative, high-speed technology

The G31A desktop combines great performance with a great price, and provides you with all of the latest technology you want for your desktop system. The 1600 front side bus enables this system to run the absolute latest processors from Intel®, and the integrated gigabit NIC provides high-speed, network connectivity, making the Howard G31A perfect for work, school, or just for fun! It comes with your choice of Microsoft® Windows® Vista™ Business/Ultimate or Microsoft® Windows® XP Home/Professional.



Howard Technology Solutions recommends genuine Microsoft® Windows® XP Professional.

The Howard Advantage!

With every Howard product purchase, you receive the following for **FREE!**

- ✓ Phone and web tech support for the LIFE of your system
- ✓ 100% US-based, English-speaking customer support 24/7/365
- ✓ Phone hold times < 1 minute
- ✓ Reliable disaster recovery software

Experience the **Howard difference.**



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Feature	Description
Chipset	Intel® G31/ICH-7
Operating System Options	Microsoft® Windows® XP Home/Professional Windows® Vista™ Business/Ultimate
Processor Options	Intel® Celeron, Intel® Pentium® Dual Core, Intel® Core 2 Duo, Intel® Quad Core, Intel® Core 2/Quad Extreme
System Memory	Up to 4 GB of DDR2 SDRAM (800/667 MHz)
Cache Memory	Up to 12MB of L2 cache (depending on processor)
Hard Drive	Serial ATA hard drives
Video	Integrated Intel GMA 3100 graphics
Audio	Integrated high definition 6-channel audio
Monitor	Variety of display options
Optical Drive Options	CD-ROM, CD-RW, DVD/CD-RW combo, DVD and DVD-RW
Modem	PCI 56k v.92 Voice/Data/Fax (optional)
Network	Integrated Gigabit LAN
External Drive Bays	Up to 7 drive bays (Depending on configuration)
IDE Devices	Supports up to 2 IDE devices
Ports	Parallel: 1, USB 2.0: 8, Serial: 1, VGA: 1, LAN: 1
Power Supply	410w (depending on chassis)
Dimensions	Small form factor: 3.94" (H) x 12.99" (W) x 16.42" (L) Micro Tower: 13.94" (H) x 7.31" (W) x 14.7" (L)

Desktops - Howard's G31A

What are your needs?	Yes	No
Is Microsoft® certified		•
Is Novell® certified		•
Access email & Internet	•	
Play & burn CDs/DVDs	•	
Edit photos & videos	•	
Access 2-D & 3-D graphics	•	
Access basic business applications	•	
Create presentations	•	
Has space-saving design	•	
Includes small form factor	•	
Access multimedia applications	•	
Is network ready	•	
Work wire-free	•+	
Record and pause live TV	•+	
Has high performance and value	•	
Ideal for home use	•	
Perfect for students	•	
Great for power-users	•	
Ideal for gamers	•	
Perfect for lab environments	•	
Great for business	•	
Includes FREE tech support for lifetime of system	•	
Includes Howard LifeGuard	•	

Q: What is the Intel® GMA 3100?

A: The GMA 3100 is Intel's latest integrated graphics chipset that features 3-D enhancements enabling greater flexibility and scalability and improved realism with support for Microsoft DirectX 9.0c.

Q: What advantage do I get from the 1600 FSB?

A: The 1600 FSB (front side bus) allows for compatibility with the latest Intel® processors including the new 45nm Pennryn CPU's.

Q: Does Howard Technology Solutions offer installation services?

A: Yes, Howard Technology Solutions has a Network Services Group that can do installation of systems as well as network security analysis and other technical services. Call us today for a quote.

Q: What is LifeGuard recovery solution?

A: Howard LifeGuard recovery solution is a smart recovery management system. If your PC becomes unstable or your operating system is damaged, then the Howard LifeGuard recovery system can restore your system to factory condition or a backup you've created.

Q: Whom should I contact for support?

A: Call Howard for world-class support and service if there are any questions about the desktop. Customer support is available online at <http://www.howardcomputers.com/> support, through phone at 1.888.323.3151, by email at tech@howardcomputers.com or by traditional mail at Howard Technology Solutions, 36 Howard Drive, Ellisville, Mississippi 39437.

FREQUENTLY ASKED QUESTIONS

Innovation at work for you!

Product Upgrades

Enhance your purchase with any or all of the following products or services. And feel free to contact us toll free at 888-912-3151 to discuss any questions or your specific needs!

- Wireless keyboard and/or mouse
- External hard drives
- Wireless networking
- Video cards
- On-site service

Warranty & Support

- Howard Technology Solutions' standard warranties apply.
- **FREE** customer and technical support to purchaser via telephone or web for the life of the system.
- Expedite your troubleshooting process by participating in our Howard Technical Partnership Program (HTPP) which certifies your staff to perform basic hardware service and support. Contact us today for more information.



Experience the **Howard advantage!**

Buy online at www.Howard.com or call us at 888.912.3151.