

Performance and reliability in one sleek package!

The new Howard™ QN1 is a powerful answer to the question of space in your home or office environment. This exceptional all-in-one offers full workstation capability in a package that is compact and fits easily into small places. Loaded with all the essential features for near-silent, high performance, including an Intel® G31 Chipset and the high performance Core™ 2 Duo processor, the QN1 delivers a level of reliability that is second-to-none. Integrated dual Gigabit LAN (optional WLAN), GMA 3100 integrated video, USB and audio ports all come together to create a system that is as powerful and affordable as it is convenient. The touch screen option, along with other innovative technologies, points toward a long life cycle, and assures that there is always room for the QN1 in your world.



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/ICH7
Processor Options	Core™ 2 Quad Q6000 Series, Core™ 2 Duo E4000/E6000 series (800/1066 FSB only), Intel® Pentium® Dual Core E2000 Series, Celeron 400 Series
Operating System	Microsoft® Windows® XP Home/Professional Microsoft® Windows® Vista™
System Memory	Up to 4 GB of DDR2 PC5300 SO-DIMM
Cache Memory	Up to 4MB of L2 cache
Hard Drive	Serial ATA hard drive 1x 3.5"
Video	Integrated Intel® GMA 3100 , 256MB Shared Integrated 19" Monitor: Native Resolution: 1280x1024 (Touch screen option available)
Audio	Realtek ALC888 High Definition Audio Built-in stereo speakers - Power Rating: Normal 2.5W, Max w3.0W
External Monitor	Standard offerings
Optical Drive Options	DVDRW super-multi
Power Supply	External 180 watt
Network	Realtek RTL8111B Dual Gigabit Integrated NICs (Optional WLAN 802.11g support)
Dimensions	16.5" (H) x 17.0" (W) x 3.5" (L)
IDE Devices	1- optical drive
Ports	6 USB 2.0 (2 front, 4 rear), 3 Audio Rear Line-in/ Line-out/ Mic., 1 VGA, 1 DV1, 1 Built-in Monitor, 1 HDMI
Power Supply	220 watt power supply
Dimensions	17.1" (H) x 16.1" (W) x 8.5" (L)

What are your needs?	Yes	No
Is Microsoft® certified	•	
Is Novell® certified		•
Perfect for lab environments	•	
Manage home finances	•	
Play & burn CDs/DVDs	•	
Edit photos & videos	•	
Access 2-D & 3-D graphics	•	
Access basic business applications	•	
Create presentations	•	
Has space saving design	•	
Ideal for home, students, business	•	
Access multimedia applications	•	
Is network ready	•	
Work wire-free	•	
Record & pause live TV	•	
Create a home network	•	
Store large amounts of data	•	
Has near-silent performance	•	
High performance with great value	•	
Uses the latest processor technology	•	
Has a long product life cycle	•	
Includes LifeGuard by Howard	•	
Includes FREE tech support for life	•	

+ denotes upgrade option

Q: What is the Intel GMA X3100?

A: The GMA X3100 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 is the Core 2 Duo?

A: The Core 2 Duo is the newest processor from Intel®. It is built on the Dual Core technology, which is two independent processors in one physical package computing parallel for enhanced performance. The Core 2 Duo supports 64 bit computing, Intel® Virtualization technology, and a plethora of other features to enhance performance and be energy-efficient.

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. The LifeGuard system can be used by pressing F4 at the PC's startup screen.

Q: Whom should I contact for support?

A: Call Howard Technology Solutions for world class support and service if there are any questions about the desktop. Customer support is available online at <http://www.howard.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.

Experience the Howard advantage.

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!

- More powerful graphics card
- On-site service
- Higher quality sound card
- Jazz/zip drives
- Wireless networking

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.