

Premium features in a budget-friendly package

The **1421 Pro** brings up-to-the-minute technology to the table in a distinctive package that features Centrino® Pro components based on Intel's Active Management Technology, which allows out-of-band remote control for ease of administration. It uses an **Intel® 965GM** chipset that supports all of the latest Intel® processors, as well as the 802.11AGN and Bluetooth wireless options. And for logical access control the 1421 Pro incorporates Biometric security, ensuring that your data is better protected than ever before. Premium features at an affordable price make the 1421 Pro a superb choice.



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	Benefits
Centrino® Pro	Energy efficient components, Intel® Active Management Technology Manage your notebook even from the power-off state through either the included Intel® Pro Gigabit LAN or the Intel® 4965AGN wireless NIC.
CPU support	Support for the latest Core™ 2 Duo Processors (Socket-P)
Interfaces	Support for many outputs such as Flash Media, S-Video, Front Audio, USB 2.0, IEEE 1394, and VGA. Supports 802.11n
Microsoft certified	Highly tested system optimized for Microsoft® Windows™ XP Professional and Microsoft® Windows™ Vista
14.1" display	WXGA 14.1" graphic-enhancing LCD with max resolution: 1280x800
Enhanced graphics	Powerful Intel X3100 Graphics package for the latest DirectX 10 applications
Wireless connectivity	High-speed connectivity with 802.11n Wireless Technology.
Biometric security	The built-in Fingerprint Reader and included software provides an additional layer of security for your notebook.
Thin and light	Weighing in at less than 5 pounds, the 1421 Pro is ideal for users on the go.
Extended battery life	Up to 4 hours of usage on the included 6-cell battery
Webcam	The included 1.3 mega pixel webcam can be used for numerous multimedia applications.
Play & burn CDs/DVDs	The 1421 Pro comes with a DVD-rewritable drive for burning your desired media.
Network ready	The Intel® Pro Gigabit network connection provides you with high-speed data access and remote management.
Advanced port replicator/dock	High speed video and networking with convenience
Includes LifeGuard by Howard	Restore your system to its original factory condition, a system generated backup, or a backup you've manually created, in just minutes.

Notebook - Howard's 1421 Pro

Feature	Description
Chipset	Intel® 965GM + ICH8-M
Operating System	Microsoft® Windows® XP Professional or Home Edition or Microsoft® Windows® Vista™
Processor Options	Intel® Core™ 2 Duo (Socket P) Intel® Celeron M (65nm based only)
System Memory	SODIMM, DDR2 x 2, 533/677 MHz up to 4GB
Cache Memory	2 MB L2 Cache or 4 MB L2 Cache (Core 2 Duo Processors)
Hard Drive	2.5" SATA 60, 80, 100, 120, 160, 250GB
Video	Intel® X3100 Graphics
Audio	Realtek high definition audio ALC888, Sound-Blaster compatible x2 1.5W speakers
Monitor	WXGA 14.1" Graphic-Enhancing LCD (Max:1280x800) w/External VGA
Optical Drive	24/10/8/24X Combo drive or 8X DVD RW Dual Layer drive
Network	Intel® Pro 10/100/1000 Gigabit Ethernet NIC
Wireless Connection	Intel® 3945ABG 802.11 internal wireless card included (Optional: Intel® 4965AGN 802.11 internal wireless card)
Ports	USB 2.0: 3, IEEE 1394 x1, RJ45, VGA, S-Video x1, 6-in-1 Card Reader, Card Bus x1, Mic in, Headphone out, Array Mic, DC-in x1, 1.3MP Webcam, Fingerprint x1, Kensington Lock Hole x1, Infrared x1
Power Supply	90 watt AC adapter 19V DC, 4.74A
Modem	56K V92 Fax/Modem
Dimensions (H x W x L)	1.37" (H) x 9.44" (W) x 13.07" (L); 4.7 lbs
Battery	57.72 WHr 6-cell Li-Ion battery

Q: What is Centrino® Pro?

A: Centrino® Pro designates four key components on your new Howard notebook. The latest Intel® Core™ 2 Duo processors which provide high energy efficiency in a powerful dual core package, the Intel® 965GM Express chipset which provides you with the latest features for your notebook, the Intel® 4965AGB wireless network connection or Intel®82566MM Gigabit Network connection, and Intel's Active Management Technology which allows you to have remote control and administrative capabilities.

Q: What types of media does the 6-in-1 card reader support?

A: The card reader supports Multimedia Card (MMC), Memory Stick, Memory Stick Pro, and Secure Digital (SD), SDIO, and XD

Q: What is Core™2 Duo technology?

A: The Intel® Core™ 2 Duo processor is Intel's second-generation mobile dual-core processor designed to deliver breakthrough performance and great power savings. With an Intel® Centrino Duo mobile technology-based laptop, that includes the new Core™ 2 Duo processor and 4MB cache, you can enjoy a greater than 20% performance increase when engaged in processor intensive tasks.

Q: What is the average battery life for the 1421 Pro?

A: The 6-cell battery lasts approximately 4 hours under normal usage.

Q: What is LifeGuard recovery solution?

A: Howard LifeGuard recovery solution is a smart recovery management system. If your notebook 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. To access Lifeguard by Howard, simply press F4 at the notebook's start-up screen.

FREQUENTLY ASKED QUESTIONS

Experience the Howard advantage.



1.3 mega pixel webcam



Fingerprint Reader

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.

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TECHNOLOGY SOLUTIONS

Innovation **at work** for you.

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