Widescreen Dual Core Technology.

The **HEL81A** is a powerful, high performance notebook that offers great features such as an Intel® Core™ 2 Duo processor, up to 4GB of DDR2 RAM, Intel's® integrated high definition audio, and Intel's® graphics media accelerator 950. The 15.4" high-gloss TFT LCD WXGA allows you to complete assignments in the comfort of your office or outside on the go. With both PCMCIA and Express card slots, this notebook offers the compatibility and flexibility you demand.The HEL81A comes equipped with your choice of Microsoft® Windows® XP, Microsoft® Windows® XP Home Edition, or Microsoft® Windows® Vista™. And don't forget to choose you favorite custom skin to let your personality shine!

Fully customizable
(see back for details)

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® 945GM Express + ICH7-M
Operating System Options	Microsoft® Windows® XP Professional, Microsoft® Windows® Home Edition, or Microsoft® Windows® Vista™
Processor Options	Intel® Core™ 2 Duo T5500~T7600 (667MHz FSB) 4MB L2 Cache Intel® Celeron M 410~420 (533 MHz FSB) 1MB L2 Cache Legacy support for Intel® Core® Duo and Intel® Core® Solo
System Memory	Up to 4GB of DDR2
Cache Memory	1MB L2 (Celeron M), 2MB L2 (Core Duo), 4MB (Core 2 Duo)
Hard Drive	2.5" IDE 5400/7200rpm 40, 60, 80, 100GB
Video	Intel® GMA950 Graphics Accelerator 128MB, 128-bit
Audio	Intel® high definition audio
Monitor	15.4" high-gloss TFT LCD WXGA
Optical Drive Options	Internal Combo Drive 24/10/8/24X (DVD/CD-RW) or DVD Dual 24/8X (DVD-R/CD-RW/DVD-RW/DVD +RW)
Modem	56k v.90 Fax/Modem
Network	10/100/1000 Ethernet
Ports	USB 2.0: 3, VGA:1, LAN:1, Modem:1, IEEE 1394:1, Audio out:1, Mic in:1, PCMCIA type II card slot:1, Express card slot:1, 4-in-1 memory card reader:1, DC-in jack:1
Power Supply	75W 19V/3.94A AC adapter external
Battery	6 cell Li-ion battery (up to 3.5-4 hours of battery life), 4800 mAH
Dimensions	1.14" (H) x 10.3" (W) x 14.0" (L), 6.0 pounds

HOWARD™
TECHNOLOGY SOLUTIONS

*Innovation **at work for you.***

What are your needs?	Yes	No
Is Microsoft® certified	●	
Is Novell® certified		●
Is Windows Vista™ ready	●	
Access email & Internet	●	
Play & burn CDs/DVDs	●	
Edit photos & videos	●	
Access 2-D & 3-D graphics	●	
Access basic business applications	●	
Create presentations	●	
PCMCIA support	●	
Express card slot	●	
15.4" widescreen display	●	
High-gloss screen	●	
Enhanced graphics	●	
Internal floppy disk drive		●
Advanced port replicator/dock		●
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 Intel Core 2 Duo technology?

A: Intel Core 2 Duo technology puts the power of two cutting edge processors in the space of one. As a result, this space saving design gives an amazing power and performance increase. This design uses relatively the same amount of power as a single core processor giving your system an extended battery life while producing more power.

Q: What is WXGA?

A: The 15.4" WXGA is designed in a widescreen format. This format provides a 16:9 ratio picture that allows the user to view movies in the widescreen format providing a more cinematic experience. It also enhances usage by providing more desktop real-estate to help increase productivity..

Q: What types of media does the 4-in-1 card reader support?

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

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. 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 notebook. 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.
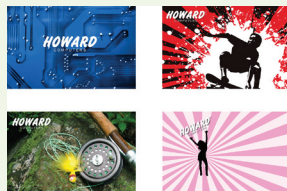
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(see web for details)

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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