

Style and performance on-the-go

From its stylish chassis with IMR finish to its outstanding dual-core performance, the new **Howard™ TW8** notebook gets your attention. This highly-tested, **Microsoft® certified system** features **Intel® Centrino® 2** components, including high-speed wireless connectivity, and performs at speeds that enable you to accomplish even the most demanding tasks in less time. Add to that **NVIDIA's amazing GeForce GT 130M graphics package**, a webcam, **HDMI** output, and a 15.4" widescreen graphic-enhanced LCD, and you get a super-charged multimedia experience, complete with true-to-life color and razor-sharp clarity. The new Howard™ TW8— perfect for those with an eye for style, and a taste for high-performance.



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

Experience the **Howard difference.**

Feature	Description
Slick IMR finish with multiple interfaces	Unique IMR design that stands out above the rest. Support for many outputs such as HDMI, Flash Media, e-SATA, Front Audio, USB 2.0, and VGA
Microsoft® Certified	Highly tested system optimized for Microsoft® Windows® XP Professional and Microsoft® Windows® Vista™
Enhanced Graphics	Powerful NVIDIA® GeForce® GT 130M graphics package
Intel® Centrino® 2 Wireless	Enjoy high-speed connectivity with 802.11n wireless technology.
Play and Burn CDs/DVDs	The TW8 includes a DVD-rewritable drive for burning your desired media.
Webcam	The included 2.0 mega-pixel webcam can be used for numerous multimedia applications.



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Feature	Description
Chipset	Intel® PM45 + ICH-9M
Supported Operating Systems	Microsoft® Windows® XP Pro/Home SP3, Microsoft® Windows® Vista™ SP1
Supported Processing Families	Intel® Core™2 Duo (Socket P), 45nm Intel® Celeron (Socket-P)
System Memory	Up to 4 GB DDR2 2 slots
Cache Memory	Up to 6MB of L2 cache (depending on processor)
Hard Drive	Up to 1 SATA hard drive
Video	NVIDIA Geforce GT 130M graphics 512MB video memory
Audio	Integrated 2 channel high-definition audio
Monitor	WXGA 15.4" Graphic-enhancing LCD (Max: 1280 x 800)
Optical Drive Options	Internal DVD/CD drive
Network	Integrated 10/100/1000 Realtek LAN 5100AGN 802.11 internal wireless card included Internal Bluetooth adapter included (optional 5300AGN 802.11 wireless card)
Internal Ports	2 mini-pci express slots
External Ports	USB: 3, Audio: Mic-in, headphone out, LAN: 1, 10/100/1000, e-SATA port Video: 2, VGA out, HDMI out, ExpressCard slot, Advanced Port Replicator, 4-in-1 card reader, Integrated 56K modem V.90/92, Kensington Lock hole
Power Supply	90W AC adapter 19V DC, 4.74A
Battery	53.28Whr 6 cell Li-Ion battery (standard)
Dimensions	1.65" (H) x 10.31" (W) x 14.05" (L) 5.7 lbs. (complete system)
Certifications	WHQL = Windows® Vista™ Ultimate 32-bit

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

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

Q: What is the average battery life for the TW8?

A: The 6-cell battery lasts approximately 2.5 hours under normal usage.

Q: What is an ExpressCard slot?

A: ExpressCard is a new hardware standard replacing PC cards (also known as PCMCIA or Card Bus cards). ExpressCards allow the support of PCI Express and USB 2.0 speeds through ExpressCard slot. The cards are hot-pluggable, similar to the USB 2.0, and come in either 34mm or 54mm sizes.

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>,
 Via email at tech@howardcomputers.com,
 By phone at 1.888.323.3151, or
 Through traditional mail service at
 Howard Technology Solutions,
 36 Howard Drive, Ellisville, MS 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!

- Monitor plus a wireless keyboard and mouse
- Modular secondary hard drive
- Modular secondary battery
- External speakers
- Smart card reader
- Surge protector

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.