

Intelligent, multi-core technology

The new Howard™ WX5800 graphics workstation is a unique blend of intelligent design and creative function. Featuring Intel's Core™ i7, the newest and most sophisticated processor, triple channel memory, support for dual CrossFire™ graphics cards, and configurable RAID, the WX5800 delivers incredible, breakthrough performance. Intelligently applied multi-core processing power allows AutoCAD, Adobe, and other graphic-intensive applications to run up to 40% faster, without increasing power consumption. The Howard WX5800—a smarter way to work and play.



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



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Feature	Benefits
Core™ i7 Processors	Unleash the power of the all new Intel® Core™ i7 processors with support for up to eight threads of raw CPU processing power.
Triple Channel Memory	Three channels of DDR3 designed to support up to 16GB of DDR3 1600/1333/1066 MHz memory, delivering up to 32GB memory bandwidth at DDR3 1333 MHz
ATI CrossfireX™ compatible	The new WX5800 features improved graphics bandwidth and support with certified dual-card ATI Crossfire™ cards for the highest level of performance possible.
Integrated Matrix Storage Technology	Performance and reliability with support for RAID 0, 1, 5, 10, and new Intel® Rapid Recover Technology

HOWARD™
TECHNOLOGY SOLUTIONS

Experience the **Howard advantage!**

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Workstations - Howard WX5800

Feature	Specification
Chipset	Intel® X58 Express Chipset
Operating System	Microsoft® Windows® XP Pro SP/3, Windows Vista® Business, Windows Vista® Ultimate 32 and 64 bit
Processor	Intel's Core™ i7 processor
System Memory	Up to 16GB of DDR3
Cache Memory	Up to 8MB L2 cache (depending on processor)
Hard Drive	Up to 1.5TB
Video	Various graphics card options
Audio	Integrated multi-channel Dolby™ audio
Monitor	Variety of display options
Optical Drive	DVD-ROM, DVD-RW, DVD-RW with Lightscribe and Blu-Ray
Modem	Optional PCI 56K Voice modem
Network	Integrated gigabit network and optional wireless cards
Ports	USB 2.0: up to 12 (8 rear, 2 internal headers) IEEE-1394a: 2 (1 external, 1 internal header) Audio: 5 plus 1 optical LAN: 1
Power Supply	Up to 1000W (depending on configuration)
Dimensions	Centurion 590 case: 17"(H) x 8"(W) x 20"(L)

Q: What is ATI Crossfire™?

A: Crossfire™ is ATI's multi-GPU solution which allows for up to four graphics cards to be used in a single computer for improved graphics performance.

Q: What is Triple Channel Memory?

A: Triple channel mode is enabled when identical matched memory modules are installed in each of the three memory channels allowing for higher throughput and reduced latency.

Q: What is RAID?

A: RAID (Redundant Array of Independent Disks) is a technology that allows a system to utilize two or more hard disk drives as a single storage unit in order to increase performance, reliability, and/or contiguous storage space.

RAID 0: Striping - minimum 2 drives, increased performance and contiguous storage space, no data redundancy

RAID 1: Mirroring - minimum 2 drives, full data redundancy, little or no performance increase, no storage increase, allows for single drive failure

RAID 5: Striping with distributed parity - minimum 3 drives, data and parity distributed across drives, increased performance and contiguous storage space, allows for single drive failure

Q: Whom should I contact for support?

A: Call Howard Technology Solutions for world-class support and service. Customer support is available online at <http://www.howardcomputers.com/support>; by phone at 1.888.323.3151; by email at tech@howardcomputers.com or by conventional mail at: Howard Technology Solutions, 36 Howard Drive, Ellisville, Mississippi, 39437.

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!

- On-site service
- Smart card reader
- WACOM digital tablets
- Wireless keyboard/mouse

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.