

# SGI® Reality Center Insight™ CX

## Making High-Resolution Visualization Easy with the Compact SGI Reality Center Insight CX System

### Features

- Compact, high-resolution, freestanding display
- Scalable to multi channel, wide screen configurations
- Assembled unit fits through a standard doorway
- Excellent sight lines for standing and seated audiences
- High-brightness 1280x1024 pixel resolution
- Optimized for SGI® Onyx® series
- Active stereo display

### Benefits

- No room modification or build out
- Four-hour installation and implementation
- Scalable to meet future needs
- Comprehensive factory support:
  - Industry leading customer support center
  - Toll-free phone number
  - Unlimited on-site troubleshooting
  - Two preventive maintenance visits per year

### Team Collaboration Made Even Easier

The success of any organization depends on the effectiveness of collaboration between people. Organizations have made better, faster and more cost effective decisions by gathering individuals from different departments together to share and evaluate data. The SGI Reality Center Insight CX System is designed with this in mind. The state-of-the-art, compact, high-resolution display enables team collaboration to visualize, analyze and explore complex data in a manner that inspires insight, innovation and discovery. With a small footprint and plug-and-play installation, SGI Reality Center Insight CX makes collaborative visualization more accessible and affordable than ever before. High-quality graphics imagery, video, presentation slides, and other media sources can be viewed on this extremely high-resolution display. Excellent sight lines enable seated and standing viewers to fully experience the presentation. The rear-projected implementation prevents the casting of shadows on the screen by people standing or sitting close to it.

### State-Of-The-Art Design

Unlike other high-end visualization systems, Reality Center Insight CX does not require special room construction or the hanging and mounting of projectors. Customers experience no impact on their room or physical plant; only floor space and a standard electrical outlet are required.

Being a self-contained unit, the SGI Reality Center Insight CX system provides long-term visualization quality. The rugged design means a stable image alignment and resistance to normal room dust and debris.

Accessories for the SGI Reality Center Insight CX system include an optional pre-configured channel expansion cabinet to complement the display capabilities. The cabinet configuration tightly integrates with the display system to provide easy user control of the system and powerful projection features. The channel expansion cabinet enables various display formats from VHS tape, DVD, CD, CD-R/RW, WMA, JPEG and MP3 audio. Auxiliary ports for UNIX® OS workstations, PCs and laptops are provided by the cabinet. Additional features can be added to further increase the capabilities of SGI Reality Center Insight CX.

### Multi Department Usability with Flexible System Compatibility

The SGI Reality Center Insight CX system is optimized for the SGI Onyx family of systems to display large data sets and detailed images. The unit is also capable of displaying VGA and SXGA video signals from the Windows® operating system on laptops and PCs and Macintosh® systems. Additionally, NTSC broadcast video from DVD or live feeds can be displayed by the SGI Reality Center Insight CX system. This multi-source capability allows the unit to be used in many different ways and shared across multiple departments.

### Leading Immersive Technology Solutions

Since 1994, Silicon Graphics has provided more than 550 SGI® Reality Center® visualization facilities to manufacturing, education, energy, and government customers around the world. Our best-of-breed solutions combine industry-leading computer and display systems. SGI® solutions and services enable new opportunities for taking the lead within your field, complementing and dramatically improving your work processes to achieve vital strategic advantage.



Image courtesy of the Laboratory for Atmospheres,  
NASA Goddard Space Flight Center



# SGI® Reality Center Insight™ CX

## SGI Onyx Family

The SGI Reality Center Insight CX system is designed to match the performance of the powerful Silicon Graphics® Tezro™ visual workstation and SGI Onyx series high-performance graphics systems. The Onyx series systems are off-the-shelf UNIX super computers designed to drive virtual environments. Onyx® 3000 and Onyx® 300 series systems simultaneously compute and process 3D graphics, imaging, and video data in real time. The industry-leading feature set includes clip-mapping, texture-paging, volume rendering, anti-aliased full-frame HDTV display, multiple visual display channels, and a variety of tools for managing video, audio, and advanced user-interface devices. Tezro is powered by up to four MIPS® processors in an advanced high-bandwidth architecture and delivers industry-leading visualization, digital media, and I/O connectivity on the desktop. Tezro is designed to help first-rate individuals and teams deliver cutting-edge results in evershorter production cycles. With Tezro, SGI delivers a full suite of high-definition and standard-definition video and audio I/O options, the DMediaPro™ suite. DMediaPro products deliver the highest quality, most powerful, and broadest multiformat digital media solutions on the desktop.

## SGI Technology Solutions

SGI Technology Solutions are empowering a world of innovation and discovery by providing top-performance systems, solutions, and services to the world's leading technical and creative users. With exceptional expertise in high-performance

computing, advanced visualization, and storage, our specialists have the resources and skill sets to architect, implement, and support the most effective technology solutions for the 21st century.

SGI offers a range of complementary services for your Reality Center Insight CX system, including expert installation, and relocation of your IRIX® systems with SGI Deployment Services.

## Seamless Integration

Designed for any size conference and training rooms, as well as design offices and laboratories, the SGI Reality Center Insight CX solution integrates easily into your working environment.

## The System Supports a Wide Range of Industries and Applications:

- Manufacturing
- Government and Defense
- Life Sciences
- Energy
- Media

## To Learn More

Contact your local SGI sales office to learn how SGI Technology Solutions can help you accomplish your technology goals and optimize your technology investment.

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### Image

Screen size: 67 inch diagonal screen display  
Projection system: Barco Galaxy WARP™ stereo DLP projector  
Resolution: 1280x1024 pixel native resolution per channel; capability to source up to 2000x1280 pixels  
Contrast ratio: 800:1 ANSI  
ANSI Lumens: 3000  
Recommended Stereo Source: 1280x1024@104Hz or 1280x1024@108Hz

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### Physical and Electrical (per channel)

Footprint: 64.6" W X 80.7" H X 29.9"D  
Weight: 396 lbs  
Line frequency: 50–60 Hz  
Current rating: 11 amps @ 110V  
Heat dissipation: 4100 BTU/hour

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### Inputs

Analog video 5 BNC for RGBHV  
Digital DVI Video Input  
Stereo TTL Sync Input  
Dual RS232 DB-9 communication ports



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