

Uncompromised PC Experience

Feature	Benefit
Dual Display Full DVI Resolution and Quality	◆ Supports two DVI interfaces, each with resolution up to 1920x1200. ◆ Provides lossless image transfer with PC-over-IP digital interface (needed for applications such as high-end CAD, medical, and security command/control). ◆ Supports all image content including graphics, video, animation, ClearType, Vista Aero Glass effects, DirectX, and more.
Low Latency Image Compression Algorithms	◆ Creates a true PC experience with a completely uncompromised graphical user interface (GUI). ◆ Built to run on standard switched Ethernet networks. ◆ Remains responsive under reduced bandwidth conditions.
Progressive Build	◆ Minimizes latency while providing the best image quality. ◆ Builds to a lossless image as network bandwidth permits. ◆ Provides a true, uncompromised PC experience for the end user. ◆ Superior image quality and responsiveness over traditional thin clients.
Low Bandwidth	◆ Generates less bandwidth than remote display solutions such as RDP and ICA.
Decomposition	◆ Proprietary advanced image compression algorithms are matched to the mixed content of a computer display to create a fully uncompromised, true PC experience. ◆ Encodes images efficiently. ◆ Enables lossless text display.
Layered Encoding	◆ Provides the best possible image during varying network conditions.



Complete USB and Audio Functionality

Feature	Benefit
Transparent USB Bridging	◆ Allows true USB bridging over IP networks with the same plug and play experience as traditional PCs. ◆ Simplifies USB functionality by using standard and existing peripheral drivers on the host, thus solving critical issues experienced by IT using alternative centralization technologies.
USB Device Authorization	◆ Provides flexible user authorization by allowing USB port disabling or filtering by device type.
Transparent HD Audio Bridging	◆ On-Board High Definition Audio controller connects to standard audio codecs to support everything from PC beeps to 5.1 surround sound.

Simple Integration

Feature

**Microsoft® Windows® Vista
Compatible**

**100% OS and Application
Independent**

100% PC Compatible

Zero-Management Desktop Portal

Benefit

- ◆ Supports the complete new Aero Glass user interface.
- ◆ No host drivers required to bridge the user interface to the remote desktop.
- ◆ Runs any OS and application without modification.
- ◆ Connects to the PC using standard DVI and PCIe interfaces.
- ◆ Provides familiar GUI for both the IT professional and end user.
- ◆ Eliminates the need for regular desktop support by IT because PC-over-IP hardware bridging does not require driver support.

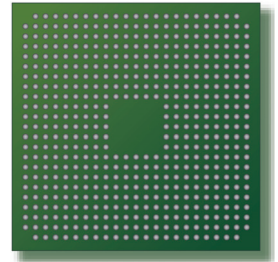
Security by Design

Feature

Stateless Desktop Portal

Benefit

- ◆ No local application execution or data storage creates a more secure computing environment.
- ◆ Flexible Desktop Portal implementation across the enterprise. One SKU fits all user profiles to reduce management overhead.
- ◆ Provides a lower cost solution because the desktop portal does not require an embedded OS, which also eliminates virus vulnerabilities.
- ◆ No GPU. No CPU. No DRAM. No storage.
- ◆ The PC-over-IP TERA Host and Portal act together to implement a virtual bridge that connects displays and peripherals to a host PC without compromise.



**Secure Host-Desktop Portal
Connection**

- ◆ Protects all desktop PC communications (display, USB and audio data transfers) with IPsec by employing full-bandwidth hardware-accelerated 128-bit AES encryption and authentication tags.
- ◆ Protects all management communications with secure SSL tunnel.

TPM Ready

- ◆ Trusted Platform Module can be used as a secure repository for certificate management to provide an additional layer of security.

Dedicated Ethernet MAC

- ◆ Simplifies the end-solution by integrating the 10/100/1000 MAC while delivering additional security and control.
- ◆ Improves security by ensuring that the PC-over-IP traffic is not visible by the host OS to avoid compromise due to spyware or rootkit software that may be present on the host PC.
- ◆ Additional features such as VLAN and priority allow PC-over-IP traffic to be managed and isolated on a separate logical network.