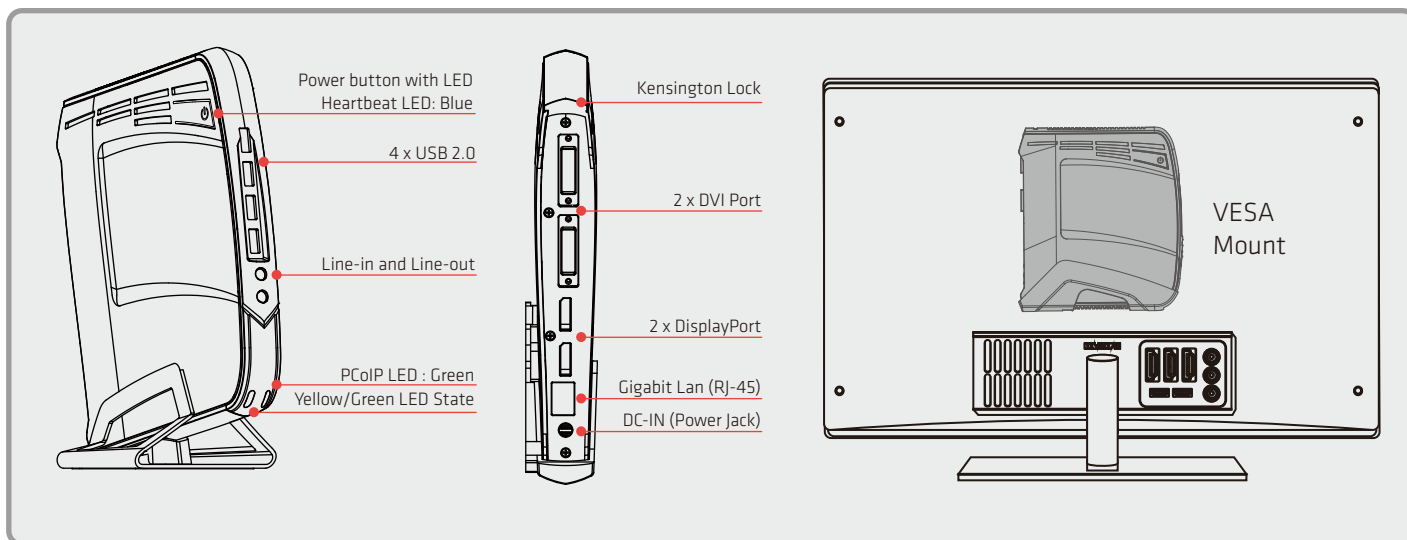


# SAPPHIRE ZC400 PCoIP ZERO CLIENT

## Zero-Client Overview

The SAPPHIRE ZC400 PCoIP Zero Client is an ultra-secure, easy to manage Teradici solution that offers a rich experience in the VMware View Environment. With no hard drive or operating system, the SAPPHIRE ZC400 is a solution that requires a minimal amount of IT maintenance and support.

## SAPPHIRE ZC400 PCoIP Zero Client



### POWERFUL ZERO CLIENT

TERA2140- based processor supporting most demanding user requirements.



### VMWARE VIEW-ADAPTED ZERO CLIENT

Full VMware® desktop virtualization experience, including high performance PCoIP capabilities.



### EASY MANAGEMENT AND MAINTENANCE

Plug-and-Play connectivity: fast, easy deployment.



### TRULY ZERO

Fully independent of OS and Drivers.



### AUTOMATIC CONNECTION OPTION TO VMWARE VIEW

Built-in fast control response and remote configuration via Teradici® PCoIP Management Console to connect VMware View® after booting.



### FULL PCoIP SUPPORT, HIGH MULTIMEDIA CAPABILITIES

Including advanced video support for intensive tasks, 2D or 3D graphics, multi-display HD videos, and more.



### DUAL DVI-D AND DUAL DP DISPLAYS SUPPORT

Native connectivity for digital monitors with four-display outputs capabilities.



### DATA INTEGRITY

Centralized data storage and backup insures integrity and security.



### GREEN TECHNOLOGY

Ultra-low power consumption with Wake-on-LAN and Wake-on-USB features which only requests on 1.56W.



### SECURED

Requiring literally no anti-virus software or virus signatures. Nothing stored locally; highly data-secure.



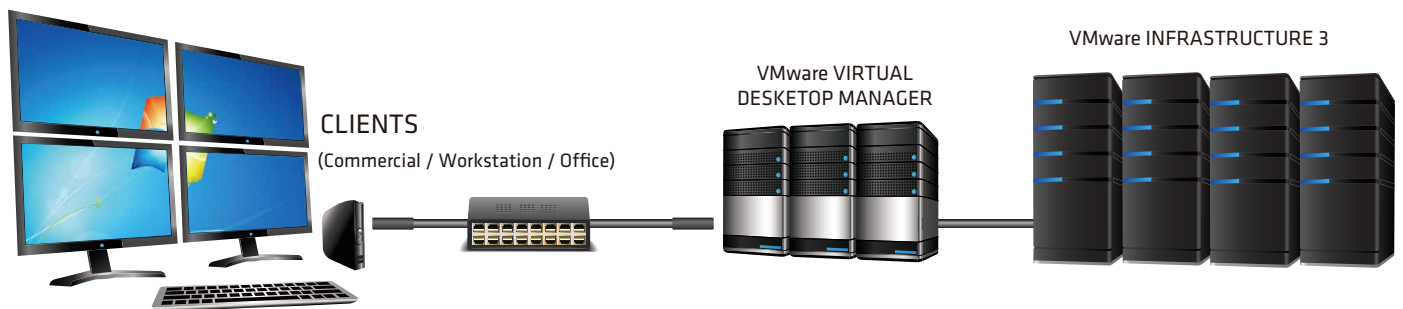
### FLEXIBLE

Applications are preloaded in powerful servers; the Zero Client can run large variety of applications including 3D CAD applications. Upgrades only happen on server, Minimize IT maintenances on upgrades to end users solutions. Zero Client save cost and time to upgrade better performance solutions.

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## Deployment Scenarios

The multiple point-to-point scenarios may be extended by consolidating multiple PCs onto a smaller number of servers using a virtualization technology such as VMware ESX Server.



With this scenario, connections to peripheral devices still appear to be point-to-point, although the connections are between the peripheral devices and a unique virtual machine running on the virtualization server. While somewhat more complex to implement, the point-to-multipoint scenario offers all of the advantages of the first two scenarios and adds several of its own.

1. The total number of PCs required can be reduced dramatically.
2. Hardware reliability can be increased dramatically.
3. Maintenance costs can be reduced substantially.

## Applications

SAPPHIRE ZC400 PCoIP Zero Client may be deployed in nearly any application environment that currently uses dedicated PCs to run applications at service points and also has an in-house network. Retail check-outs, restaurant kitchens, bank teller stations, manufacturing, advertising, airline ticket counters and flight status displays are just a few such applications that can take advantage of many benefits of a zero-client solution.

## 2D Virtualized Desktop Offices

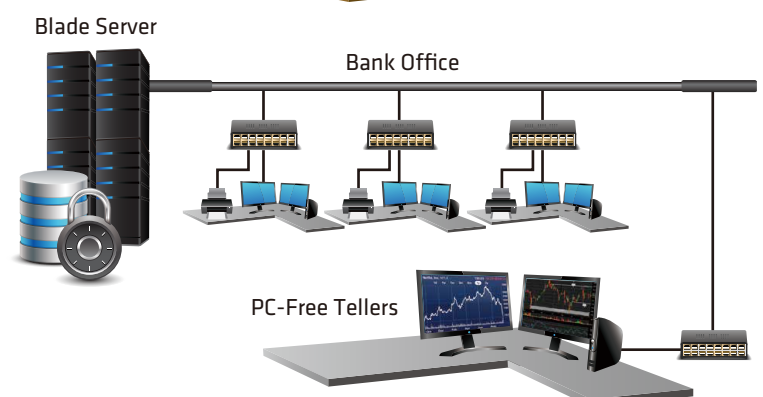
### Enterprises / Education

The SAPPHIRE ZC400 PCoIP Zero Client can be used in an office environment to eliminate dedicated PCs to free up more desk and office space.



### Financial/Banking

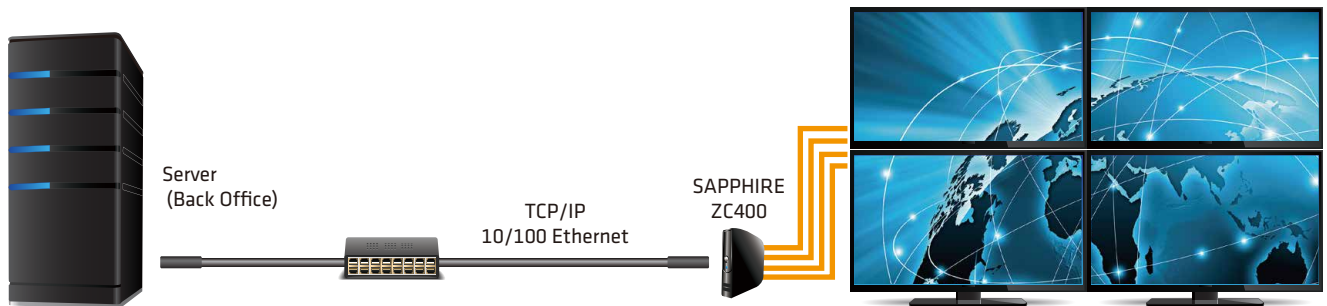
The SAPPHIRE ZC400 PCoIP Zero Client makes an excellent solution for connecting bank tellers to applications that run on secure back room servers. This enhances the security and reliability of this critical application.



# SAPPHIRE ZC400 PCoIP ZERO CLIENT

## Digital Signage

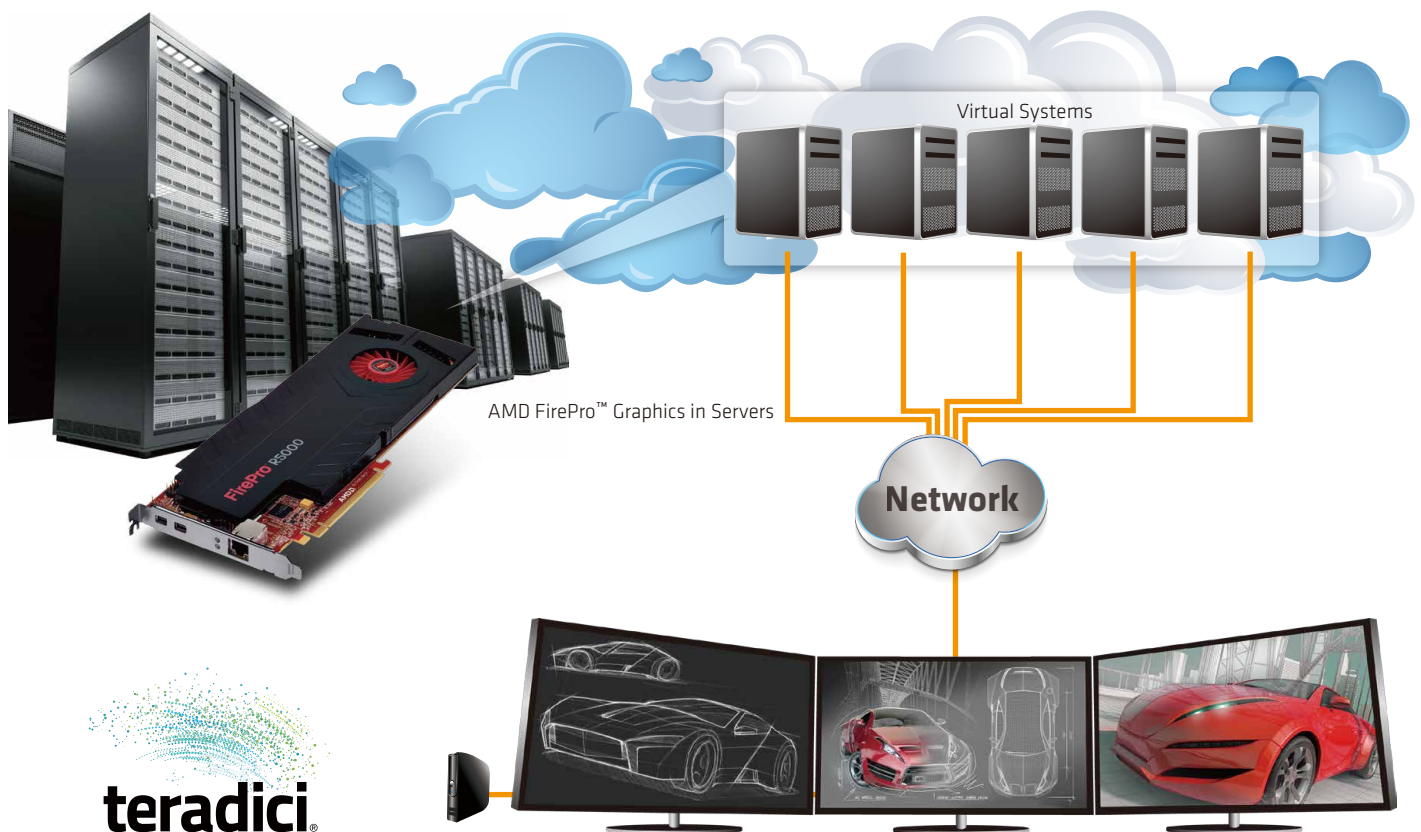
The SAPPHIRE ZC400 PCoIP Zero Client can be used for a variety of electronic advertising applications such as in airports, bus or train station concourses. The data is encrypted before sending and through PCoIP LAN.



## 3D Virtualization Workstation

### CAD / CAM usage

The SAPPHIRE ZC400 PCoIP Zero Client together with the AMD FirePro™ R5000 will be the complete PCoIP remote workstation solution that enables remote access to high-performance workstations with no loss in performance. This solution allows designers to work remotely whilst keeping the data secure with the enterprise. Furthermore, it allows design teams in different locations or different time zones to work on the same database.



# SAPPHIRE ZC400 PCoIP ZERO CLIENT

<b>Form Factor</b>	Compact desktop form factor
<b>Processor</b>	TERA2140
<b>Memory Type</b>	512 MB DDR3
<b>Imaging Performance</b>	Up to 50 Mpps (VDI) Up to 250 Mpps (Workstation)*
<b>Device Physical Dimensions</b>	SAPPHIRE ZC400 ONLY 19.75 x 18.25 x 3.16 cm ( L/W/H ) With Stand 22 x 18.25 x 8.5cm ( L/W/H )
<b>Power Management</b>	Full Wake-on-LAN and Wake-on-USB
<b>Typical Device Power</b>	12W
<b>Encryption</b>	AES-128/AES-256 Suite B Ciphers (Workstation)*
<b>Thermal Cooling Solution</b>	Passive heat sink
<b>Connectors</b>	Four front USB 2.0 1920x1200 (DVI) and 2560x1600 (DisplayPort) Additional DisplayPort-to-DVI dongles are added to support Quad DVI outputs Microphone jack Speaker jack RJ45 12VDC Power jack
<b>LEDs</b>	SAPPHIRE ZC400 PCoIP Zero Client power button LED PCoIP LED Power state LED
<b>Package Content</b>	SAPPHIRE ZC400 PCoIP Zero Client SAPPHIRE ZC400 stand Power adapter and power cord 2 x DisplayPort-to-DVI dongles VESA mount package Quick installation guide LED STATUS INDICATORS card
<b>Operating System Support</b>	No operating system needed
<b>Compliance</b>	CE, FCC C-Tick, VCCI, KCC, CB, RoHS, CCC
<b>Warranty</b>	3 years Warranty

\* Workstation: When used in conjunction with PCoIP hardware host solution.



## Summary

The SAPPHIRE ZC400 PCoIP Zero Client offers a solution for improving the cost, flexibility, reliability and security of client server applications. The SAPPHIRE ZC400 PCoIP Zero Client provides these benefits in a wide variety of vertical market applications, without requiring changes to application software. Migrating to zero-client based solutions is easy and inexpensive in the case of terminal based applications and enables future migration to more feature rich applications without the need for hardware upgrades.



SAPPHIRE PGS (Professional Graphics Solutions) is a business unit within SAPPHIRE Technology for Professional Graphics. It provides various types of professional graphics display solutions for workstation and professional clients. SAPPHIRE PGS supports the full range of 3D professional applications for professional users. For industrial customers, SAPPHIRE PGS integrates display related graphics application solutions for broadcasting, digital signage, medical, surveillance, ATC (Air Traffic Control) and other markets. SAPPHIRE PGS is focused on providing our customers with highly appropriate solutions and outstanding pre and after sales consultancy and services.

For more information, please visit : [www.SapphirePGS.com](http://www.SapphirePGS.com)