Parallels RAS and 10ZiG Zero Clients Offer Optimized Endpoint Management

Understanding Zero Clients

Zero clients are ultra-thin clients with reduced on-board computing and storage requirements. Deployments of zero clients work through a server-based computing model located on the cloud or on-premise. In zero-client environments, no data is stored on the device; in contrast to thin-client devices, the operating system and each device's specific configuration settings are not saved in flash memory.

A few of the advantages of zero-client deployments are reduced upfront cost, hardware optimization, lowered software maintenance, and improved support options. With Parallels RAS virtualization, zero clients offer a simple and secure method for delivering applications to end users.

Parallels RAS and 10ZiG Zero Clients

Parallels® Remote Application Server (RAS) delivers a seamless desktop and application virtualization experience on 10ZiG Zero Client deployments, reducing overall cost and complexity. Combined with 10ZiG Zero Clients, the comprehensive virtual application and desktop delivery solution Parallels RAS offers a first-rate user experience, with lightning-quick start-up times, centralized management made easy through intuitive controls, and extremely low energy consumption.

Traditionally, Parallels RAS requires an operating system to be installed on every client device. However, thanks to 10ZiG's streamlined NOS image, Parallels RAS can be installed on specialized 10ZiG Zero Clients, offering an ultra-low-cost platform for cost-sensitive users.

Parallels RAS 4448p Zero Client: Top Value Choice

Optimized for the Parallels RAS application and desktop delivery solution, 4448p is the 10ZiG top-value Zero Client. Combined with Parallels RAS, this solution provides a state-of-the-art user experience and exceeds performance expectations while keeping costs reasonable.

The Parallels RAS 4448p Zero Client offers an Intel 1.33GHz Dual Core processor, Dual Screen capability, and VESA Mountable steel casing. It's an excellent option for business and task users. As it's the most affordable, energy- and space-saving Zero Client hardware 10ZiG offers, this Zero Client solution delivers incredible high performance, rock-solid reliability, and solid state construction with no moving parts or wear components, keeping maintenance costs down far into the future.

Product Specifications

- Supports Parallels RAS
- 1.33 GHz Intel Dual Core Processor
- 4 USB Ports (1 USB 3.0)
- Dual DVI Monitor Support (Standard)
- Only 4–4.5 Watts Power Consumption
- Free Centralized Management
- Optional Wireless and VESA Mounting

Parallels RAS 5848qp Zero Client: Top Performance Choice

The most versatile and powerful Zero Client solution, Parallels RAS and 5848qp Zero Clients offer the highest level of power, performance, and reliability. This is an excellent option for knowledge workers and power users. It provides a state-of-the-art user experience with blistering speeds for booting up Windows desktops and applications, while offering support for Full HD. Optimized and tested with Parallels RAS application and desktop delivery solutions, 5848qp is the 10ZiG top-performance Zero Client.

The Parallels RAS 5848qp Zero Client offers an Intel 2.0GHz Quad Core Processor and is capable of speeds up to 2.42GHz with Intel Boost Technology. This endpoint device offers dual screen as standard, includes 7 USB ports (including USB 3.0), optional wireless, a Dual DisplayPort model option (qdp model), and is encased in a sleek, space-saving, and VESA Mountable chassis.

Product Specifications

- Supports Parallels RAS
- 7 USB Ports (2 USB 3.0)
- Dual DVI Monitor Support (Standard)
- Dual DisplayPort Model Available
- Free Centralized Management
- Solid State Construction
- Optional Wireless and VESA Mounting

Parallels RAS Advantages on 10ZiG Zero Client Endpoints

Parallels RAS offers businesses all the necessary virtual application and virtual desktop infrastructure (VDI) delivery features they require to manage thin-client deployments right out of the box—including server and gateway load balancing, a terminal server configuration wizard, application publishing, printing redirection, flexible device options, and intuitive software tools.

Additionally, Parallels RAS provides IT administrators with an outstanding virtual application delivery experience. The industry-leading VDI solution streamlines IT network operations, allowing the IT team to cut back on the costs and time expenditures they would otherwise be expected to dedicate to managing application delivery over a remote network.

- Split-second connection speeds – Endpoint users sustain excellent, native desktop–like experiences on 10ZiG Zero Clients endpoints with the Parallels RAS automated, out-of-the-box load-balancing features that ensure server resources are used to the fullest.
- Reduced total cost of ownership (TCO) – As opposed to traditional hardware and OS licensing, the use of Parallels RAS virtualization and 10ZiG Zero Client endpoints can lead to significant savings by deferring the need for additional hardware purchases, as well as lower licensing costs.
- Strict security measures – Zero clients deployed with a virtualization solution reduce the risk of data leakage and malicious user attacks. Rather than store sensitive corporate data on the endpoint machine where it can more easily be compromised, the endpoint user only manipulates desktop and application images through an encrypted connection. As a result, all the information stays safe on the server where it can be more easily protected.
- Centralized administration – Parallels RAS and 10ZiG deployments are easy to manage on the fly through the centralized administration dashboard, which is accessible over a remote connection.
- Keep space and energy costs down – The ultra-lightweight design and energy-efficiency features of 10ZiG Zero Clients mean that organizations can save on additional business costs, including electricity bills and office space.

Business Enterprise

Businesses using Parallels RAS deployed on 10ZiG Zero Clients benefit from streamlined administration, lightning-fast connections, and OS-free zero-client deployments that lower costs over time. With this combined solution, IT teams can easily build out a reliable, high-availability remote delivery solution with the Parallels RAS automated load-balancing features and easy-to-understand installation wizards. Users enjoy outstanding native desktop–like experiences when connecting to shared desktops, applications, and data through the Parallels RAS virtualization solution—without a local OS installed on the device. Finally, Parallels RAS licensing is affordable and straightforward with no hidden costs, which will lower TCO when combined with Zero Client endpoints by 10ZiG.

Healthcare

Using 10ZiG Zero Clients deployed with Parallels RAS, healthcare providers are equipped to access medical applications and patient information on their virtual workstation in a highly secure way. Parallels RAS and 10ZiG Zero Client endpoints empower healthcare IT professionals to improve patient-care experience while saving time, enhancing security, and reducing TCO by using zero-client and virtualization technology.

Education

Staff, students, and faculty using 10ZiG Zero Clients deployed with Parallels RAS achieve high-availability access to learning applications, student data, and virtual teaching desktops at an extremely affordable price point. Parallels RAS with 10ZiG Zero Clients saves on the academic budget for institutions of all sizes, with lowered virtualization licensing costs and third-party add-ons. Moreover, instead of investing in expensive OS licensing on a yearly basis, institutions can deploy low-cost, space- and energy-efficient Zero Client devices in order to focus on building a more adaptive and innovative learning experience for their students.

10ZiG Technology® and Parallels® expand partnership, develop Remote Application Server (RAS) Zero Clients. RAS is fully integrated and completely supported by 10ZiG 4448p and 5848qp Zero Clients. Powerful RAS VDI platform offers host of benefits including cost efficiency, enhanced security, advanced accessibility options and comprehensive cloud support.