



4 Main Benefits of a Thin Client

Overview and Advantages of Using Thin Client Technology

What is a Thin Client?



A Thin Client is a small and secure desktop computer that typically runs a Thin Client Operating System. These endpoints do not store sensitive data on the device itself. Instead, all data and applications are stored in a data center located either on-premises or in the cloud, within your Windows or SAAS instance.

Compared to traditional “PCs,” Thin Clients are considerably smaller, reducing noise, power consumption, extra space, and costs associated with Desktop PCs. They also reduce IT overhead that is required for maintaining large, noisy fat client computers.

In summary, Thin Clients provide significant benefits to businesses of all sizes and industries.

So why choose a thin client?

Enhanced Security

By utilizing Thin Clients, confidential and crucial data is not stored on the endpoint device but rather in the data center or cloud. Therefore, you need not fret about the loss, theft, or hacking of a device. In the event of such incidents, no sensitive information will be at risk of compromise.

Cost Savings

By using a repurposing solution such as Stratodesk NoTouch OS organizations can use hardware that may not perform well with an OS that is not optimized for the User\Use case. NoTouch OS can take advantage of what may be considered legacy hardware, and outperform newer devices.

Easy Set-Up and Configure

One of the advantages of using Thin Clients is that they boost productivity by being easy to set up straight out of the box, unlike traditional PCs. They also require less time for repairs and maintenance, while allowing workers to access the same apps and data virtually from any location.

Common operating systems IT professionals should know

What is an Operating System (OS)?

The operating system is essential software for Thin Client and all computers. It serves as a manager for memory, processes, hardware, and software. Significantly, it enables users to communicate with their computer without requiring knowledge of its language.

What is a Thin Client Operating System?

Did you know that a Thin Client can't function without an operating system (OS)? An OS is what powers the Thin Client, giving it the ability to perform tasks. Additionally, a Thin Client OS can connect to your Virtual Desktop Infrastructure environment, making it easy for your workers to access their virtual desktop session. The Thin Client OS often comes preinstalled with clients for various protocols from major server providers like Citrix, Microsoft, VMware, and others, so your workers don't need to have

expert-level computer knowledge to use it. Simply boot their device, and they're ready to start working productively with all the necessary apps and data at their fingertips.

What Options Are There?

Selecting the perfect endpoint device for your unique needs can be a challenging task as there isn't a one-size-fits-all solution. You have several options to choose from, such as traditional high-powered x86 devices or ARM-based devices like the Raspberry Pi. Fortunately, Stratodesk software offers a distinct advantage in managing both types of devices simultaneously, making it the most adaptable and powerful endpoint computing solution available. This means that you can customize your device combination to suit your specific needs and use case. To determine which device will best serve your business, it's important to understand the various options available.

Stratodesk Thin Client OS - NoTouch OS

Our state-of-the-art Thin Client operating system can be installed on both PCs and Thin Clients, transforming them into powerful NoTouch endpoints. With the ability to deploy on numerous devices instantly, we make tasks simpler for everyone. Furthermore, Stratodesk NoTouch OS isn't limited to Thin Clients alone. It can also re-purpose any x86 device, including PCs, Laptops, and Thin Clients, as well as ARM-based devices such as the Raspberry Pi, into secure, high-performing, software-based NoTouch Clients.

Our Linux-based Stratodesk NoTouch OS is secure, easily manageable from NoTouch Center, and comes ready out of the box to connect to your preferred VDI environment.

Raspberry Pis

For businesses seeking efficient and affordable endpoints, Raspberry Pis are an excellent option. Stratodesk is a leader in enterprise-level Raspberry Pi endpoints. The Raspberry Pi Thin Client offers all the advantages of VDI (such as cost-effectiveness, enhanced security, and immediate usability) at a fraction of the price, thanks to the pairing of Stratodesk software with the widely popular and economical motherboard.

Intel NUC and Compute Stick

If you're looking for more compact options for your VDI, you might want to check out the Intel Compute Stick and the Intel NUC. These devices are more affordable compared to traditional x86 Thin Clients, just like the Raspberry Pi. They're smaller in size but offer the same benefits as their larger counterparts. With impressive performance standards and cost-effectiveness, they're definitely worth considering. Plus, both the Intel NUC and Compute Stick are compatible with Stratodesk and can be easily managed from NoTouch Center.

Traditional x86 Thin Clients

Although more costly than their Raspberry Pi-based counterparts, traditional x86 Thin Clients offer additional benefits. As previously stated, x86 Thin Clients are suitable for situations that require a more robust solution, such as running specialized software.

If you're currently considering which device is the best fit for your business, there are numerous options to choose from. To ensure that you make a well-informed decision, feel free to consult with one of our knowledgeable experts.

About Stratodesk

Stratodesk is the world's leading endpoint OS and management solution. It is used by government and healthcare organizations, banks, SMBs and large enterprises to eliminate cost and scalability obstacles facing their complex network of devices. By delivering the only management software for mixed environments of x86 and Raspberry Pi devices, Stratodesk is reinventing endpoint computing for enterprise IoT and VDI. Our cutting edge, linux-based solution, NoTouch, is hardware-agnostic and runs on the Raspberry Pi.



Ready to Begin Your Journey?

Learn more about how Stratodesk NoTouch OS solution.

Ready to see more? Request a [live demo](#) of NoTouch OS or start [free trial](#).

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