

## pfSense Course Installation Options

This lesson covers the installation options available to you for pfSense.

Whether you want pfSense for you home, small office/home office (SOHO), enterprise, or cloud, pfSense has you covered.

For home or small office environments, you could install pfSense on some old hardware you had laying around in your basement, or you could buy a really cost effective pre-installed hardware device from netgate. I just ordered an SG-1100 for \$159 US dollars to protect my home.



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### SG-1100 pfSense® Security Gateway Appliance

Item #: SG-1100  
Our Price: \$159.00

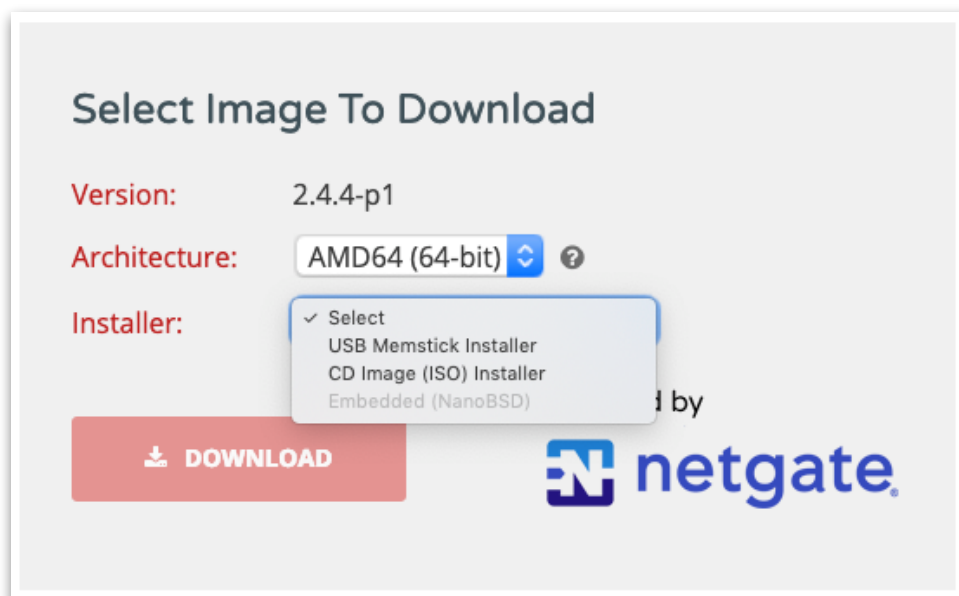
Power: USA Plug  
Hardware Warranty: One year - (\$0)  
Bundled Software Support: Community Support - (\$)

Quantity: 1

+ Add to Cart

The screenshot shows a product page for the SG-1100 pfSense Security Gateway Appliance. It features a main image of the white device with the Netgate logo. Below the main image are five smaller icons representing different installation options: a USB drive, a CD/DVD, a hard drive, a memory stick, and a NanoBSD image. To the right of the main image, there are several configuration options: Power (USA Plug), Hardware Warranty (One year - (\$0)), Bundled Software Support (Community Support - (\$)), and Quantity (1). A '+ Add to Cart' button is located at the bottom right of the configuration area.

To install to hardware, you'll want to download either the memory stick installer or the .iso image.



### Select Image To Download

Version: 2.4.4-p1  
Architecture: AMD64 (64-bit) ?  
Installer:  Select  
USB Memstick Installer  
CD Image (ISO) Installer  
Embedded (NanoBSD)

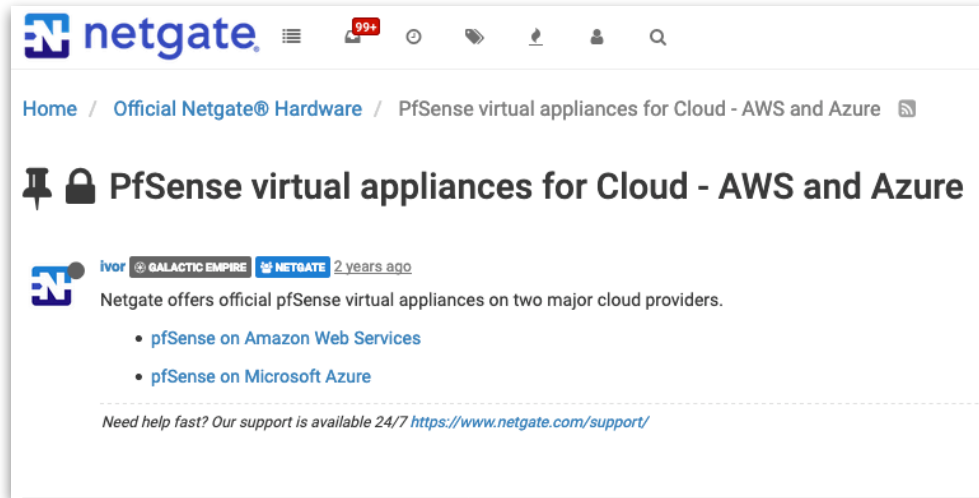
DOWNLOAD

netgate

The screenshot shows a 'Select Image To Download' page. It displays the version '2.4.4-p1' and the architecture 'AMD64 (64-bit)'. Under the 'Installer' section, there are three options: 'Select' (which is checked), 'USB Memstick Installer', and 'CD Image (ISO) Installer'. Below these options is a red 'DOWNLOAD' button with a download icon. The Netgate logo is visible in the bottom right corner.

The USB Memory Stick Installer will let you just install the image to a memory stick, plug that into a USB port on the system you want to turn into a firewall, boot, and install pfSense. The .iso image can be used to install from a CD ROM or DVD, or can be used to create a virtualized appliance on a platform that doesn't yet have its own downloadable image like vmWare ESXi, VirtualBox, KVM, Xen, or Proxmox.

If your infrastructure is in the cloud on Amazon Web Services (AWS) or Microsoft Azure, there are pre-built images for you to use to protect your cloud environment.



If you want to upgrade a pfSense firewall you purchased from Netgate, you can download a pre-tuned image for your device. I'm not sure what circumstances would lead you to want to do this, as you can just upgrade from the web admin console, but it's an available option.



That covers the installation options for pfSense.

.iso image or memory stick image, cloud based appliances for Amazon Web Services, or Microsoft Azure, or a Netgate optimized image.