

ServSwitch™ Simplicity

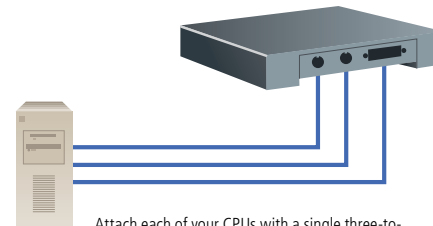
Using one monitor, keyboard,  
and mouse to switch between  
PCs has never been easier.



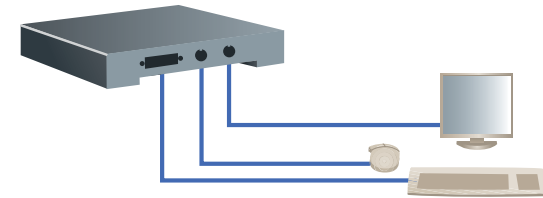
## FEATURES

- » Control up to two or four desktop PCs from a single monitor, keyboard, and mouse.
- » Tiny but rugged case can be placed almost anywhere.
- » Switch by pressing a button or typing a keyboard command.
- » Needs no AC power—it draws its power from the attached computers.
- » Can scan between the computers.
- » Supports resolutions up to 1024 x 768 at up to 85 Hz.
- » Supports wheel mice.
- » LEDs show which computer is selected.

The simplest possible connections make this a KVM switch that everyone can use!



Attach each of your CPUs with a single three-to-three cable. (A 2-port Simplicity is shown here.)



Plug in your monitor, keyboard, and mouse directly.

## OVERVIEW

There are a lot of keyboard/video/mouse switches out there that you can use to control a few PCs with a single monitor, keyboard, and mouse. But a lot of them are almost as bulky as one of the monitors they're replacing. And quite a few of them are way more complicated than most people need or want.

Maybe you should consider the [ServSwitch Simplicity™](#). It's designed to handle up to two or four IBM® PC type desktop (not laptop) CPUs, just like those bigger switches. But the 2-port model is only 1.2 inches (3 cm) thick and 3.6 x 4.4 inches (9.1 x 11.2 cm) square—smaller than most paperback books. (The 4-port model isn't much bigger.) You can either set it on your desk or stick it on a wall or other surface, out of the way. Even so, its tough metal case can take the bumps and jolts of everyday offices.

Attaching your equipment is simple—just check out the illustrations on the next page. Your monitor, keyboard, and mouse plug right in. You only need one cable to attach each PC CPU: Use our handy KVM-extension cable, which has bonded keyboard, video, and mouse strands—no tangling or mismatching cords! It comes in a regular variety that's good for most applications, and a coaxial variety for better video.

If you order the 2-Port [ServSwitch Simplicity Kit](#), you'll get two of the regular cables with the switch. If you order just the switch itself, you can get the cables separately in either regular or coax versions.

It's so easy to operate that anyone can do it. To switch from one CPU to another, either (a) press the button on the [Simplicity](#), or (b) press a sequence of keys on your keyboard. That's all there is to it. Even "scanning" between the computers is easy: To have the Simplicity continuously display the video output of each computer for five seconds at a time, press a different sequence of keystrokes. Press the space bar to stop the scan. The 4-port model has a few extra commands for manually monitoring the CPUs' video with the keyboard disabled.

The [Simplicity](#) gets all the power it needs from the attached computers, so it doesn't need to be plugged in to AC power. You also don't need to configure it. All of the attached PCs can boot up at the same time, and the Simplicity remembers their Num Lock, Caps Lock, and Scroll Lock settings as you switch back and forth between them.

Don't worry that you'll have to use the lowest possible resolution on your monitor, either. The Simplicity supports video resolutions as high as 1024 x 768 at refresh rates up to 85 Hz. And it supports the Microsoft® IntelliMouse® and other makes of "wheel" mice too.

If you place the Simplicity where you can see its top panel, its LED indicators will show you which computer CPU is selected during normal operation. In scan mode, they'll show you which PC's video is being displayed.



SW613A

## TECH SPECS

**Compliance** — CE; FCC Part 15 Subpart B Class B, IC Class/classe B; VCCI Class A

**Standards** — VGA, SVGA, or XGA video

**Interfaces** — Video: VGA;  
Keyboard and mouse: IBM PS/2® compatible

**Resolution** — Up to 1024 x 768 noninterlaced at up to 85 Hz

**Scan Interval** — In autoscan mode, pauses at each computer for 5 seconds

**Maximum Distance** — 10 ft. (3 m) from the switch to any attached device

**User Controls** — Keyboard commands;  
(1) Front-mounted SELECT pushbutton for switching between computers

**Connectors** — All side-mounted:  
For user equipment:  
(1) HD15 female for monitor attachment;  
(2) 6-pin mini-DIN female for keyboard and mouse attachment;  
For each computer CPU (SW613A and SW613A-K support [2] CPUs, SW612A supports [4]):  
(1) HD15 male for video attachment;  
(2) 6-pin mini-DIN female for keyboard and mouse attachment

**Indicators** — Top-mounted “selected computer” LEDs:  
SW613A and SW613A-K: (2);  
SW612A: (4)

**Temperature Tolerance** — Operating: 41 to 104°F (5 to 40°C);  
Storage: -4 to +140°F (-20 to +60°C)

**Humidity Tolerance** — 5 to 80% noncondensing

**Maximum Altitude** — 10,000 ft. (3048 m)

**Enclosure** — Steel

**Power** — 5 VDC from attached CPUs’ keyboard interfaces

**Size** — SW613A and SW613A-K: 1.2”H x 3.6”W x 4.4”D (3 x 9.1 x 11.2 cm);  
SW612A: 1.2”H x 3.6”W x 7.1”D (3 x 9.1 x 18 cm)

**Weight** — SW613A and SW613A-K: 0.8 lb. (0.4 kg);  
SW612A: 1.5 lb. (0.7 kg)

### The Complete Package

When you order the ServSwitch Simplicity, you’ll receive:

- ◆ The switch.
- ◆ Two hook-and-loop mounting strips for surface-mounting.
- ◆ Four adhesive rubber feet for standalone operation on a desktop.
- ◆ A users’ manual.

The 2-Port ServSwitch Simplicity Kit comes with all of the above plus a pair of cables:

- ◆ (2) 8-ft. (2.4-m) regular-type three-to-three KVM-extension cables.

On one end these cables have connectors that plug into the video, keyboard, and mouse ports on the computer’s CPU. On the other end, these cables have connectors that plug into the matching video, keyboard, and mouse CPU ports on the switch.

Item	Code
ServSwitch Simplicity	
2-Port	SW613A
4-Port	SW612A
2-Port ServSwitch Simplicity Kit	SW613A-K
<b>You may also need cable...</b>	
KVM Extension Cable	
Regular, 8-ft. (2.4-m)	EHN403-0008
Coaxial, 10-ft. (3-m)	EHN235-0010

*NOTE: When using the ServSwitch Simplicity with older computers with VGA and EHN403 cable, pin 9 on the CPU VGA connector may be plugged. An adapter with pin 9 removed must be used in this case, because the EHN403 cable has all pins and will not connect to the CPU. Call Tech Support for details.*

**Why Buy From Black Box?**  
**Exceptional Value.**  
**Exceptional Tech Support. Period.**

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor’s tech support.
- The so-called “tech” can’t help you or gives you the wrong answer.
- You don’t have a purchase order number and the tech refuses to help you.
- It’s 9 p.m. and you need help, but your vendor’s tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn’t worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

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