

Article Overview

KVM switches are typically designed for 19-inch racks, with heights ranging from 1U to 2U and depths compatible with standard rack cabinets from 20 inches (50 cm) up to 31.5 inches (80.5 cm).

Standard Rackmount Dimensions

- o Width: All KVM switches are designed to fit 19-inch standard racks.
- o Height: Most rackmount console KVM switches occupy 1U or 2U of rack space, depending on the model and whether the console includes a slide-out LCD panel and keyboard module .
- o Depth: Compatible rack depths vary by model:
 - o INTELLINET 15"/17"/19" LCD KVM consoles fit racks with depths from 20 inches (50 cm) and up, with some models supporting 67.5-80.5 cm (26.5-31.5 inches) using rear brackets and extension kits .
 - o ATEN CL5708 Slideaway LCD KVM switches are modular and designed for 1U rack-mountable sliding housing, with optional rack mount kits for depth adjustment .

Modular Components and Installation Considerations

- o Slide-out console: Many KVM switches include a 1U slide drawer with keyboard, touchpad, and LCD monitor. The drawer can be extended for use and folded down when stored .
- o Rear brackets and extension kits: These are included to secure the console in racks of varying depths and ensure stability during slide-out operation .
- o Cascading modules: Some KVM switches allow additional modules to be connected, which may require extra rack space for expansion .

Example Model Dimensions

Model	LCD Size	Rack Height	Compatible Rack Depth	Notes
INTELLINET 521796	15"	2U console, 1U KVM module	20"+ (50 cm+)	Slide-out drawer with keyboard and touchpad
INTELLINET 523561	17"	2U console, 1U KVM module	67.5-80.5 cm	Rear bracket and extension kit included
ATEN CL5708	17.3"	1U	Standard 19" rack	Modular design, optional rack mount kits available

Key Points for Installation

- o Ensure the rack depth matches the KVM switch model, using extension kits if necessary.
- o Allocate 1U-2U of vertical space per console module.
- o Confirm slide-out clearance for LCD and keyboard operation.
- o Use rear brackets and uprights to secure the console and prevent tipping during extension . By following these guidelines, you can ensure proper installation, stability, and accessibility for your KVM switch in a standard server rack.



KVM Switch Installation Dimensions

A KVM Switch is flexible enough to meet the needs of any home office, small/mid-size or enterprise application. FS.COM KVM

Installation A standard rack mounting kit is provided with your LCD KVM switches which requires 1U of the rack space. To rack

KVM SWITCH - RACK MOUNT Quick Installation Guide DELL®; READYRAILSTM RACK MOUNTING CONFIGURATIONS The

For those KVM switches that support expansion capability, the more sets of ports a KVM switch has, the bigger the installation it

This is a short guide to help you set up a KVM switch step by step and more resources are given for further reading.

Another benefit of a desktop KVM switch is you allow remote workers to combine their personal company computer

The CL5708 offers a space-saving, streamlined approach to KVM switch technology by integrating a keyboard, 17" or 17.3" or 19" LED

Tool-less installation for 1U rack mounting is enabled with the Dell ReadyRails™ interface. The KVM SCS can mount in the front or

Plus, a KVM switch is easy to install, configure and operate. KVM switches are popular among users who

Switchrooms, Low Voltage, Equipment, Switchboards, Installation, Planning More interesting Notes: Steven McFadyen

Dell KVM Remote Console Switches The Dell™ KVM remote console switch (RCS) consolidates server management, helps

Desktop KVM switches are compact devices that allow a user to access two, four, eight, or 16 computers from a single user console

Another way to expand your KVM installation is to cascade additional KVM switches from the KVM ports of the KM0216 / KM0432.

Use the chart below for cross-referencing the different INTELLINET NETWORK SOLUTIONS Rackmount

KVM Switch Installation Dimensions

Console KVM Switch

This modularized design offers maximum flexibility, as you can choose and swap the modules to fit your needs. A KVM switch

Overview The KVM Switch can connect up to 32 switches to provide direct control of 16 computers or control of up to 512 computers

Web: <https://www.kremgroup.co.za>

