DELL™ POWEREDGE™ 180AS AND 2160AS CONSOLE SWITCHES

The Dell™ PowerEdge™ 180AS and 2160AS KVM console switches deliver the hands-on flexibility to manage multiple servers — across virtually any platform — using keyboard, video and mouse commands from a single workstation.

PRODUCT BACKGROUND AND OVERVIEW

With Dell 180AS and 2160AS console switches, IT server administrators can monitor and control multiple servers with ease. Designed to increase productivity, the switches help ensure that IT resources are fully utilized — allowing the business to reap maximum returns from critical technology investments. The 180AS is a multi-platform solution with eight inputs, while the 2160AS has 16 inputs. By attaching additional expansion options to the system, administrators can achieve true pay-as-you grow scalability in the corporate data center.

Dell's PowerEdge console switches provide simple, reliable and convenient control across all major server platforms. Administrators can use keyboard, video and mouse (KVM) commands to centrally manage servers from an intuitive user interface. The switches deliver a significant reduction of cable volume as well as powerful on-screen management for easy system configuration. The 2160AS also supports up to two simultaneous users, which saves time, energy and management costs.

Both switches are rack-mountable for flexible connectivity in the data center. They feature eight or 16 CAT 5/RJ-45 ports for full-featured KVM management. Through the local ports, administrators can obtain enhanced video quality of 1024 x 768.

HIGHLIGHTED FEATURES

The console switches come with a choice of two Server Interface Pods (SIPs) — PS/2 or USB — to address a variety of connectivity options and needs. A SIP replaces a bulky KVM cable by converting the keyboard, monitor and mouse signals from a server and driving them up to 15 meters (50 feet) through a single CAT 5 cable. The SIP cable draws its power from the server and has a Keep Alive functionality that is designed to keep the server working properly with or without connectivity to the unit.

The switches enable cross-platform management using the On-Screen Configuration and Activity Reporting (OSCAR®) interface. With the OSCAR interface, administrators can easily configure the switch system and select the different servers. Computers can be identified by unique name, electronic ID (EID) or port number, allowing users to assign unique server names.

OTHER HIGHLIGHTS INCLUDE

Connectivity — Features intelligent analog ports; flash upgradeable — designed for future hardware compatibility.

Flexibility — Provides access and control of multiple servers from a single screen.

Integration — Works with wireless KVM (local port extension) and KVM over IP (cascading/tiering).

Scalability — Grows with an expanding IT environment; space-efficient design — occupies 0U in a Dell rack; and CAT 5 cabling — reduces cable bulk.

DELL ENTERPRISE SERVICES

By utilizing the proven advantages of our direct model, including tailored service and support, low cost and a single point of accountability, Dell Services can provide you with fast, effective, affordable service offerings at any point in your IT process. By doing so, we offer a combination of bundled best practices and tailored solutions that work together to provide maximum value to you. Whether you need support, deployment, training and certification programs, or professional consulting services, individually or bundled as a total package, Dell promises to be your single point of accountability at all times.

PROFESSIONAL SERVICES

Dell Professional Services enables Dell customers to optimize ROI by implementing complex technology through the design, development and deployment of innovative, robust and scalable business-critical solutions. With each engagement, we utilize our proven methodology and project management expertise to understand your business objectives, design plans that are flexible to adapt to your current environment and then deliver the desired results.

DEPLOYMENT SERVICES

We bring you deployment assistance that delivers true value from beginning to end. Dell can tailor systems to our customers' specifications by customizing the hardware and software configuration during the initial system-build to reduce redundancy and time. We can manage the delivery, installation and disposal of your assets with the same eye for efficiency.

TRAINING AND CERTIFICATION

Our approach to Training and Certification allows you to outsmart your competitors — not outspend them — with industry-standard learning across Dell hardware and industry-standard software. Dell can assist you wherever you need us, whether on-site, on-line or in a classroom setting, to help your organization take full advantage of information technology.

ENTERPRISE SUPPORT SERVICES

Technology is a significant investment, and it pays to have a partner who can help you minimize costly downtime. Through our Premier Enterprise Support Services (PESS) offerings, Dell provides tiered support service packages with the flexibility to customize the offering to meet your specific needs across a wide range of computing environments. With proactive and reactive support options which include hardware and software support with varied response levels, account management and remote resolution, Dell provides support solutions that meet your needs, cost-effectively.

FEATURES	DESCRIPTION
Mechanical	**Height:** 1.72 in. (4.36 cm)
	Width: 16.9 in. (42.9 cm)
	Depth: 6.52 in. (16.56 cm)
	Weight: 8 lbs. (3.6 kg) without cables
Environmental	**Operating Temp:** 50 to 122° F (10 to 50° C)
	Storage Temp: -4 to 140° F (-20 to 60° C)
	Heat Dissipation: 92 BTU/Hr
Power	**Operating Voltage:** 100 to 240 VAC Auto Sensing
	Power Frequency: 0 to 60 Hz
	Power Consumption: 12.5 W
	Input Power: 40 W Maximum
	Current Rating: 0.5A
Supported Hardware	**Computers:** PS/2 and USB
	Monitors: VGA
	Local Port: 1024 X 768 at 75 Hz
	Cabling Options: PS/2, USB, Sun and Serial using Avocent™ AVRIQ cables
	Input Cable: 18 AWG three-wire cable with a three-lead IEC-320 receptacle on the power-supply end and a country- or region-dependent plug on the power resource end
Ports	One (180AS) or two (2160AS) local console connection(s) via 15-pin VGA monitor, PS/2 or USB mouse, PS/2 or USB keyboard
	One serial RS232 network connection, provides access to KVM switch for up to two simultaneous users
	Eight or 16 CAT 5 system connections (RJ-45 jacks) provide connectivity for systems via standard CAT 5 UTP cable

180AS	2160AS
SKU# 221-8096 Legend Code: 8PKVMA	SKU# 221-7994 Legend Code: 16PKVM
SIP	**CONSOLE**
PS/2 sku# 310-1924 USB sku# 310-5680 customer kit sku	SKU# 310-9962

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