HPE 1X1EX8 KVM IP CONSOLE SWITCH G2 WITH VIRTUAL MEDIA CAC SOFTWARE (AF620A)

KVM Switches

OVERVIEW

Want a switch for remote management of all your servers, network devices, and technology infrastructure?

HPE Enterprise IP KVM switches can allow an administrator to manage up to 1024 servers across two tiers from a single local console in cascaded environments. When tiered with additional HPE switches application installations and upgrades can be pushed to any server from the local console or remotely. HPE

Enterprise IP KVM switches along with the IP Console Viewer allows remote access to multiple servers running various operating systems. Virtual Media allows a removable drive or ISO image to be remotely mapped to an attached server or a remote office. An intuitive Local Console User Interface provides menus for configuration, virtual media, display, security and upgrades that is the same as the On Board Web Interface (OBWI) used for remote management. Implement two-factor authentication to increase security in the data center with CAC compatibility.

FEATURES

Improved Functionality, Performance, and Security to the Data Center

HPE Enterprise IP KVM switches provides Smart Card or Common Access Card (CAC) support to the server.

Tiering port. For companies requiring direct remote access in every rack can now aggregate local access to the IP Console Switches for a row of racks to a single console as well as at each rack giving them two local users.

New video compression allows 1600x1200 @ 60Hz or 1680 x 1050 @ 60Hz 16-bit color for remote sessions without impacting performance.

Access using SSH or Telnet compliant clients.

Up to (32) target server ports per switch for a wider range of rack density support.

Enhanced Remote Functionality for Quick and Easy Management

HPE Enterprise IP KVM switches includes full remote KVM functionality giving you remote KVM control of servers and serially attached devices at near local performance.

Easily load and update software and firmware from anywhere on the LAN or WAN when used with Virtual Media Interface Adapters.

iLO compatibility-Easily switch between remote KVM and iLO sessions directly from the IP Viewer software.

Remote KVM control of servers and serially attached devices at near local performance

Robust Local Console User Interface

HPE Enterprise IP KVM switches displays all system-related information on the console monitor. Same look and feel as the remote On-Board Web Interface (OBWI).

Programmable Scanning-An evaluation of system performance can be made by sequentially scanning any or all of the computers in the system. Programmable scanning allows you to determine which computers to include as well as the duration of the connection.

Configuration NVRAM-NVRAM (non-volatile RAM) makes it easy to set

configuration information using commands entered from the keyboard. The NVRAM stores the resulting configuration until a user decision is made to change the information, even if the unit loses power.

Password Protection-For protection against unauthorized users, the switch box provides a local password option for security purposes as well as individual user authentication and access rights for remote users.

Flexible, Versatile Design

HPE Enterprise IP KVM switches may be mounted behind a HPE 1U Rackmount KVM Console such as the LCD8500 with slide rails provided with the switch. It can also be mounted in the side of an HPE rack with the included rails.

PS2 Virtual Media Interface Adapter supports servers with PS2 mouse and keyboard connection and a USB port for virtual media. This is the recommended interface adapter for virtual media.

USB Virtual Media Interface Adapter supports servers without PS2 mouse and keyboard connections such as Integrity servers running Microsoft Windows.

Technical specifications

HPE 1x1Ex8 KVM IP Console Switch G2 with Virtual Media CAC Software

Product Number (SKU)	AF620A
Warranty	0/0/3
Product Dimensions (metric)	HxWxD 4.36 x 43.8 x 23.68 cm
Weight	3.2 kg

Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, HPE Pointnext Services' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

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- **HPE Proactive Care** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). Read more

- **HPE Foundation Care** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. Read more.

Other related services

Defective Media Retention is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE Service Credits offers a menu of technical services, access additional resources, and specialist skills.

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HPE Greenlake is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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