

MODELS

PCI KVM Management Card Kit
232983-B21

PCI KVM Remote Card Kit
232984-B21

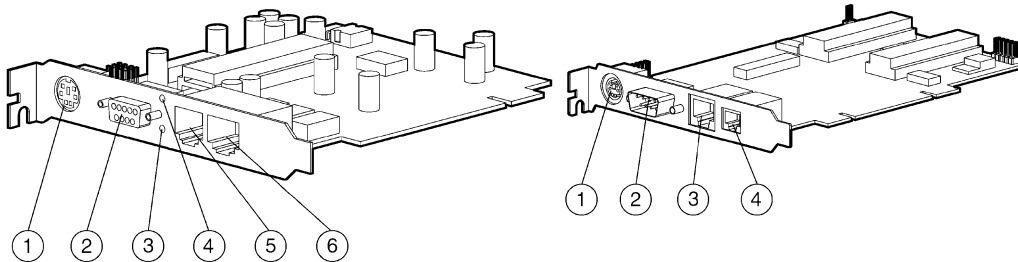
Local Access Cable Kit
232985-B21

OVERVIEW

Product Description – PCI Card Switch

The Compaq PCI card KVM (keyboard, video and mouse) switch solution is a low cable density, local access switch that is being offered in addition to the Compaq legacy switchboxes. The card resides into the PCI slot of the server with the series of cards connected via slim CAT5 cable. This allows for a KVM solution that does not take up any room within the rack.

One manager card is required per series and can control up to 63 remote cards. Distances between the management card and last remote can span up to 360 feet allowing for great flexibility within the data center. The PCI KVM switch is an ideal solution for those customers with cable management issues within the rack or for configurations with eight or more servers per rack. This card-based solution can be used in addition to Compaq switchboxes.



1. Keyboard/Mouse In/Out
2. Video In/Out
3. Green LED - Activity status
On: Controlled by
Management Card
4. Green LED -
Communication status
Blinking: OK
Solid On: No connection
to Manager
Solid Off: Error
5. CAT5 Out
6. CAT5 In

1. Keyboard/Mouse In/Out
2. Video In/Out
3. CAT5 Out
4. Serial Port

Picture 1: Remote Card

Picture 2: Management Card

Three kits are available for the PCI card KVM solution. The PCI KVM Management Card Kit contains 1 manager card, 7 remote card and applicable cables. The PCI KVM Remote Card Kit contains 4 remote cards and applicable cables. The Local Access Cable Kit contains manager cables for use with any remote card.

COMPAQ PCI CARD KVM SWITCH KEY FEATURES

The PCI card KVM switch is an innovative product that affords customers a number of key features:

- “Box-free” KVM “cable-free” switch
- Management card supports up to 63 remote cards
- Connect cards using CAT5 cable
- KVM connectivity between cards in a “local loop”
- Will use one PCI slot per server and draw power only from slot
- System is freely expandable at any time by adding more cards not to exceed 64 cards
- Does not take up any “U” space within the rack
- No software required

COMPAQ PCI CARD KVM SWITCH KEY BENEFITS

The Compaq PCI card KVM switch is an innovative product that affords customers a number of key benefits over other KVM solutions:

- Reduces cable clutter and no hardware to install in the rack
- Control of 64 servers
- CAT5 cable is low cost, field terminable for accurate length and can span up to 360 feet from the furthest remote from the manager
- Only use the number of cards as are needed and additional servers can be easily added
- Supports a heterogeneous environment*
- Compatible with Compaq switchboxes
- Ease of installation
- User friendly On-Screen Display (OSD) in a variety of languages

**Note: the PCI card KVM switches are not compatible with the ProSignia 300, Alpha DS10L when using a graphics card or Remote Insight Board (RIB).*

Regardless of how you look at it, the Compaq PCI card base KVM switch provides the innovation and flexibility to satisfy the requirements for data centers and dense racks.

COMPATIBILITY

Compaq PCI Card KVM Switch is compatible with ProLiant servers (all generations) with the following exceptions:

- ProLiant G2 and G3 servers with embedded iLO (integrated Lights-Out) management (DL360 G2, DL360 G3, DL380 G2, DL580 G2, ML370 G3)
- ProLiant servers that have installed RILOE (Remote Insight Lights-Out Edition, PN 157866-xx1), or RILOE II (Remote Insight Lights-Out Edition II, PN 227251-xx1). Ease of installation

SERVICE & SUPPORT, CAREPAQ AND WARRANTY INFORMATION

Software Product Services

- Stand-alone telephone support
- Rights to new license version
- Media and documentation updates

Hardware Product Services

- Installation services
- On-site maintenance (includes warranty support)
- Response time upgrades during the warranty period
- Post-warranty coverage
- RAID setup and performance consulting via statement of work

For additional hardware installation and maintenance information, please refer to the URLs listed below:

<http://www.compaq.com/services/carepaq/us/install/>

<http://www.compaq.com/services/carepaq/us/hardware/>

Warranty Upgrade Options

- Response - Upgrade on-site response from next business day to same day 4-hours
- Coverage - Extend hours of coverage from 5 days x 9 hours to 7 days x 24 hours
- Duration - Select duration of coverage for a period of 1, 3, or 5 years

CarePaq Information

Sample part numbers:

- FM-**XHW-36, 3 year, uplift to 5 x 9, Next Day Response
- FM-**4HR-36, 3 year, uplift to 5 x 9, 4-hour Response
- FM-**724-36, 3 year, uplift to 7 x 24, 4-hour Response

** represents a two-digit, product-specific code

- CarePaq is defined as an upgrade to the product warranty attribute, available for a specific duration and hours of coverage.
- CarePaq is not available for less than the product's warranty duration.
- CarePaq is available for sale anytime during the warranty period for most products, but the commencement date will be the same as the Warranty Start Date (delivery date to end user customer). Proof of purchase may be required.
- CarePaq services are prepaid.

For additional CarePaq (hardware & software) information, as well as orderable part numbers, please refer to the URL listed below:

<http://www.compaq.com/services/carepaq/index.html>

Components

The following brick-level options/components do not have individual CarePaqs. These items will be included in product CarePaqs into which they are installed.

Disk Drives	Tape Drives	CD/DVD ROM	SCSI Hubs in SBBs	Adapters
Bus Converters	Backplane RAID Controllers	Power Supplies	Cabling	Fans

SPECIFICATIONS

Compaq PCI Switch

Resolution	Up to 1280 x 1024 pixels		
Refresh Rate	75 Hertz		
Transmission Distance	From the management unit to the last remote unit in the chain: Up to 360 ft / 110 m		
OS Support	Windows 98 Windows 2000 Windows NT 4.0 Novell NetWare Linux Unix Tru64 SCOD OVMS		
Power	Management Card	+ 5 Volts/ 250mA, - 12 Volts/ 120mA	
	Remote Card	+ 5 Volts / 250mA, - 10 Volts / 100mA	
Temperature	Operating	Up to 158° F/70° C	
	Storage	-40° F/-40° C up to 158°/70° C	
Dimensions	Management Card	6.6 x 4.2 in / 167.64 x 106.68 mm	
	Remote Card	5.17 x 4.03 in / 131.19 x 102.24 mm	
Shipping Dimensions	Management Kit	17.25 x 14 x 7.5 in / 438.15 x 355.6 x 190.5 mm	
	Remote Kit	11.75 x 11.75 x 7.5 in / 298.75 x 298.75 x 190.5 mm	
	Local Access Kit	9.88 x 8.5 x 2.5 in / 250.83 x 215.9 x 62.5 mm	
Shipping Weights	Management Kit	8 lbs / 3.63 kg	
	Remote Kit	4.65 lbs / 2.1 kg	
	Local Access Kit	1.35 lbs / 0.61 kg	
Cable Length for Max Resolution	Location of Remotes	Distance	Maximum Resolution
	Remotes 1 to 10	0 to 50 ft/ 0 to 15.2 m	1600x1200 – 70Hz or 1280x1024 – 75Hz or 1024x768 – 85Hz
	Remotes 11 to 20	55 to 100 ft/ 16.8 to 30.5 m	1280x1024 – 75Hz or 1024x768 – 85Hz
	Remotes 21 to 30	105 to 150 ft/ 32 to 45.7 m	1024x768 – 75Hz or 800x600 – 85Hz
	Remotes 31 to 40	155 to 200 ft/ 47.2 to 61 m	1024x768 – 75Hz or 800x600 – 85Hz
	Remotes 41 to 50	205 to 250 ft/ 62.5 to 76.2 m	1024x768 – 75Hz or 800x600 – 85Hz
	Remotes 51 to 60	255 to 300 ft/ 77.7 to 91.4 m	1024x768 – 60Hz or 800x600 – 70Hz
	Remotes 61 to 64	305 to 360 ft/ 93 to 109.7 m	800x600 – 60Hz