

hp keyboard video mouse IP consoling solution

at your fingertips technology

Data centers are plagued by issues associated with monitoring and managing multiple devices. Multiple devices translate into intensive time spent managing power, network, and keyboard-video-mouse (KVM) cables. Technicians are further challenged by strenuous working conditions in computer rooms where extreme cold and noise fatigue can cause costly mistakes.

The HP IP consoling solution gives IT administrators high performance network access to KVM functions enabling them to control their datacenter servers from the comfort of their workstations. Network users can access applications and screens as if they were standing right in front of the rack. It's today's solution to tomorrow's fast-paced changes in IT infrastructure management.

improve cable management

The HP IP consoling solution uses UTP CAT5 cabling between the servers and the IP console switch. An interface adapter transitions the standard PS2 connections to an RJ45 connection. CAT5 cabling with its smaller, more flexible form factor facilitates routing through the rack and customizable CAT5 lengths eliminate coils of cabling in the rear of the rack.

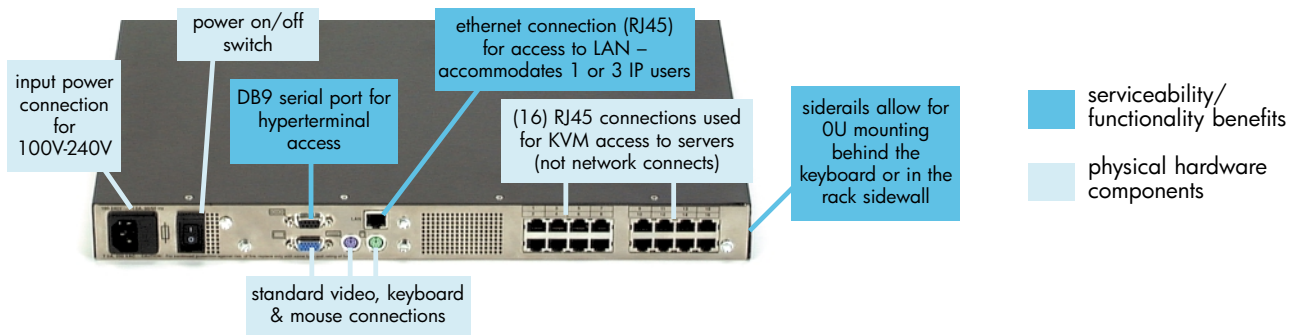
more manageability

The HP IP consoling solution allows you to access different types of servers and operating systems all from one console with two easy interface methods. Now you have the flexibility to manage data center servers using both local and network access with near real-time mouse/cursor speed. This cutting edge KVM switching technology is designed to increase operating efficiency in density-driven, heterogeneous data centers.

Using the IP console viewer, up to 3 simultaneous users can access local KVM functions from their Microsoft Windows or Linux workstations via a 100mbps network connection. Viewer features include:

- pre-defined alert messaging can be sent to HP Insight Manager, OpenView and other SNMP management programs
- multiple security levels
- operates across firewalls and VPNs
- no software to install on attached servers
- secure SSL data transfer across network
- customize server information (location, site, names)
- view and sort by switch, servers or sites





Each IP console switch also has a local port to accommodate a rackmounted console. At the local console, there is an On-Screen Display (OSD) interface, which has intuitive menus for communicating with connected servers. Servers can be identified by a user-defined name, a pre-defined ID number located on each interface adapter or sequentially by switch port number.

more accessibility

Each IP console switch has ports for 16 direct attach servers. Up to 8 more servers may be tiered on each switch port using either a legacy Compaq switch (needs 1 interface adapter) or an expansion module – tiering provides connection of up to 128 servers, allowing IT administrators to manage less IP console switches.

save space

With zero-U's of rack space, the IP console switch mounts either behind the keyboard or on a sidewall, freeing up valuable rack real estate.

ideal environments

- 24/7 data centers
- remote sites with an IT staff
- data centers with a mix of operating systems and server types

hp solutions

service and support

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for more information

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product part numbers

SKU description	SKU
1x1x16 IP console switch	262585-B21
3x1x16 IP console switch	262586-B21
Interface adapters (8 per pack)	262587-B21
Interface adapters (single pack)	262588-B21
Expansion module	262589-B21
CAT5 cables 3FT (4 per pack)	263474-B21
CAT5 cables 6FT (8 per pack)	263474-B22
CAT5 cables 12FT (8 per pack)	263474-B23
CAT5 cables 20FT (4 per pack)	263474-B24
CAT5 cables 40FT (1 per pack)	263474-B25

model specification comparison

	hp IP console switch	legacy Compaq switch
Number of server ports	16	8
Maximum number of supported servers	128	64
LAN/WAN access	Yes (1 or 3 users)	No
Number of simultaneous users	2 or 4	1 or 2
Improved cable management	Yes (CAT5)	No (standard KVM cables)
SNMP – manageable through HP Insight Manager	Yes (1 IP address)	No
Support for multiple languages (English, French, Italian, German, Spanish, Dutch, Japanese)	Yes	Yes
Supports different device brands	Yes	Yes
Supports variety of operating systems	Yes	Yes
Mounts behind keyboard (OU)	Yes	Yes

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